

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS ☒ X WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

980102 well nm change:

DATE FILED OCTOBER 15, 1997

LAND: FEE &amp; PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-74390

INDIAN

DRILLING APPROVED: NOVEMBER 19, 1997

SPUDDED IN: 12.7.97

COMPLETED: 1.7.98 POW PUT TO PRODUCING:

INITIAL PRODUCTION: 263 BBL, 196 MCF, 9 BBL

GRAVITY A.P.I.

GOR: .74

PRODUCING ZONES: 4933-5759' GRV

TOTAL DEPTH: 5950'

WELL ELEVATION: 5894' KB

DATE ABANDONED:

FIELD: UNDESIGNATED

UNIT:

COUNTY: DUCHESNE

WELL NO. NINE MILE 5-6-9-16

API NO. 43-013-31953

LOCATION 1923 FNL FT. FROM (N) (S) LINE.

695 FWL

FT. FROM (E) (W) LINE. SW NW

1/4 - 1/4 SEC.

6

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

9S

16E

6

INLAND PRODUCTION

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Garden gulch	Dakota	Park City	McCracken
Garden gulch 2	Burro Canyon	Rico (Goodridge)	Aneth
Point 3	Cedar Mountain	Supai	Simonson Dolomite
X Marker	Buckhorn	Wolfcamp	Sevy Dolomite
Y Marker	JURASSIC	CARBON I FEROUS	North Point
<del>Wash</del> Douglas Creek	Morrison	Pennsylvanian	SILURIAN
<del>Shinarump</del> B1 carb	Salt Wash	Oquirrh	Laketown Dolomite
<del>Green</del> B nme	San Rafael Gr.	Weber	ORDOVICIAN
<del>Frontier</del> Castle Peak	Summerville	Morgan	Eureka Quartzite
<del>North</del> Basal carb	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-74390</b>
1b. TYPE OF WELL <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>SINGLE</b> <input type="checkbox"/> <b>MULTIPLE</b> <input type="checkbox"/> <b>WELL</b> <input checked="" type="checkbox"/> <b>WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/> <b>ZONE</b> <input type="checkbox"/> <b>ZONE</b> <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>P.O. Box 790233 Vernal, UT 84079</b> <b>Phone: (801) 789-1866</b>		8. FARM OR LEASE NAME <b>Nine Mile</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface <b>SWNW</b> At proposed Prod. Zone <b>1923' FNL &amp; 695' FWL</b> <b>566 212</b>		9. WELL NO. <b>#5-6</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>11.4 miles southwest of Myton, Utah</b>		10. FIELD AND POOL OR WILDCAT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest dng. unit line, if any) <b>695'</b>	16. NO. OF ACRES IN LEASE <b>2077.19</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 6, T9S R16E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	19. PROPOSED DEPTH <b>6500'</b>	12. County <b>Duchesne</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5882.0' GR</b>	13. STATE <b>UT</b>	
22. APPROX. DATE WORK WILL START* <b>4th Quarter 1997</b>		

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx
				See Detail Below

**The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.**

**SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl<sub>2</sub>, 1/4# /sk Flocele**

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H<sub>2</sub>O Req: 6.4 Gal/sk

**LONG STRING - Lead: Hibond 65 Modified**


Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H<sub>2</sub>O Req: 18.08 Gal/sk

**Tail: Premium Plus Thixotropic**

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H<sub>2</sub>O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

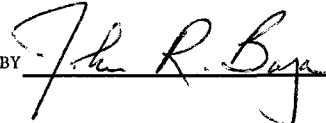
24. SIGNED 	TITLE <b>Regulatory Compliance Specialist</b>	DATE <b>10/10/97</b>
<b>Cheryl Cameron</b>		

(This space for Federal or State office use)

PERMIT NO. **43-013-31953** APPROVAL DATE

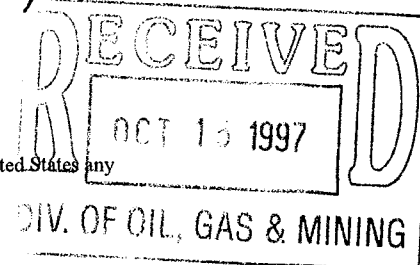
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

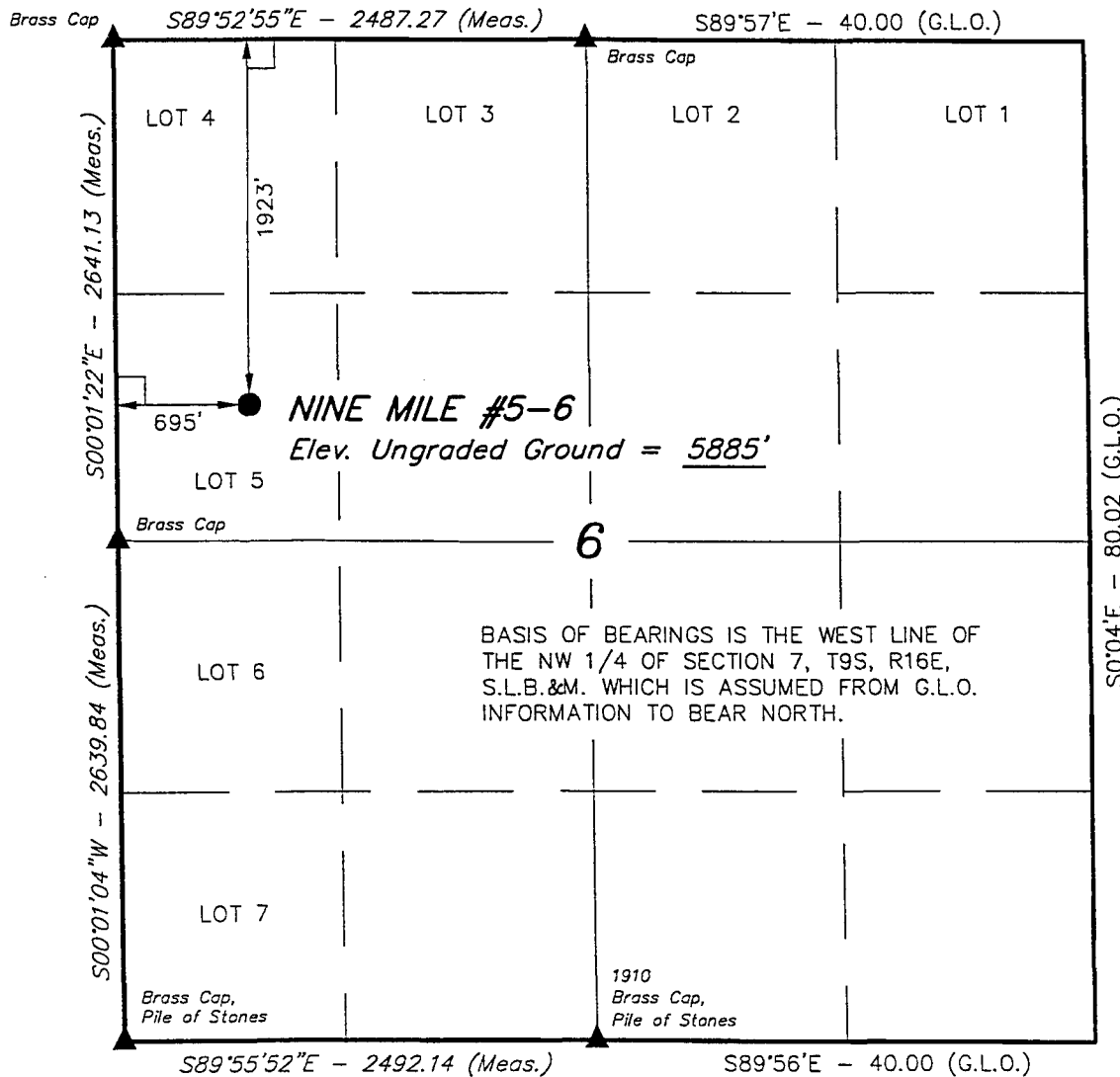
APPROVED BY 	TITLE <b>Associate Director</b>	DATE <b>11/19/97</b>
<b>Utah DOGM</b>		

**\*See Instructions On Reverse Side**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# T9S, R16E, S.L.B.&M.



## LEGEND:

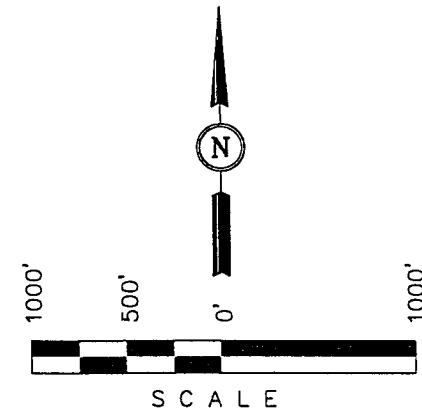
- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

## INLAND PRODUCTION CO.

Well location, NINE MILE #5-6, located as shown in the SW 1/4 NW 1/4 of Section 6, T9S, R16E, S.L.B.&M., Duchesne County, Utah.

## BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NE 1/4 SE 1/4 OF SECTION 1, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5924 FEET.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NO. 161319  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 8-24-97	DATE DRAWN: 8-29-97
PARTY L.D.T. B.H. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	



**INLAND PRODUCTION COMPANY  
NINE MILE #5-6  
SW/NW SECTION 6, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' - 3050'
Green River	3050'
Wasatch	6500'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 3050' - 6500' - Oil

**4. PROPOSED CASING AND CEMENTING PROGRAM**

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)  
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050'  $\pm$ , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

**AIR DRILLING**

In the event that the proposed Nine Mile #5-6 be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns. Inland also requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

**MUD PROGRAM****MUD TYPE**

Surface - 320'

Air

320' - 4200'

Air/Mist &amp; Foam

4200' - TD

The well will be drilled with fresh water through the Green River Formation @ 4200'  $\pm$ , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300'  $\pm$ , and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500'  $\pm$ . The cement bond log will be run from PBTD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the forth quarter of 1997, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY  
NINE MILE #5-6  
SW/NW SECTION 6, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Nine Mile #5-6 located in the SW ¼ NW 1/4 Section 6, T9S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and the Sand Wash Road; proceed southerly along this road - 4.9 miles to the Wells Draw Road intersection; proceed southwesterly 2.4 miles to its intersection with an existing dirt road; proceed southwesterly 1.0 mile to its junction with an existing jeep trail; proceed southerly 3.4 miles to the beginning of the access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

**2. PLANNED ACCESS ROAD**

Approximately 0.1 mile of access road is required.  
See Topographic Map "B".

Both proposed access road will be upgraded with an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any Run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Nine Mile #5-6, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of sale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the south between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the north & northeast corner between stakes 3 & 8.

Access to the well pad will be from the west between stakes 7 & 8.

Corners # 2 & #6 will be rounded to avoid drainage.

**Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

**10. PLANS FOR RESTORATION OF SURFACE**

a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP - Bureau Of Land Management**

**12. OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report will be submitted as soon as it becomes available.

***Additional Surface Stipulations***

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

***Hazardous Material Declaration***

Inland Production Company guarantees that during the drilling and completion of Nine Mile #5-6 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Nine Mile #5-6, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron  
Address: P.O. Box 790233 Vernal, Utah 84079  
Telephone: (801) 789-1866

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #5-6 SW/NW Section 6, Township 9S, Range 16E: Lease #UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

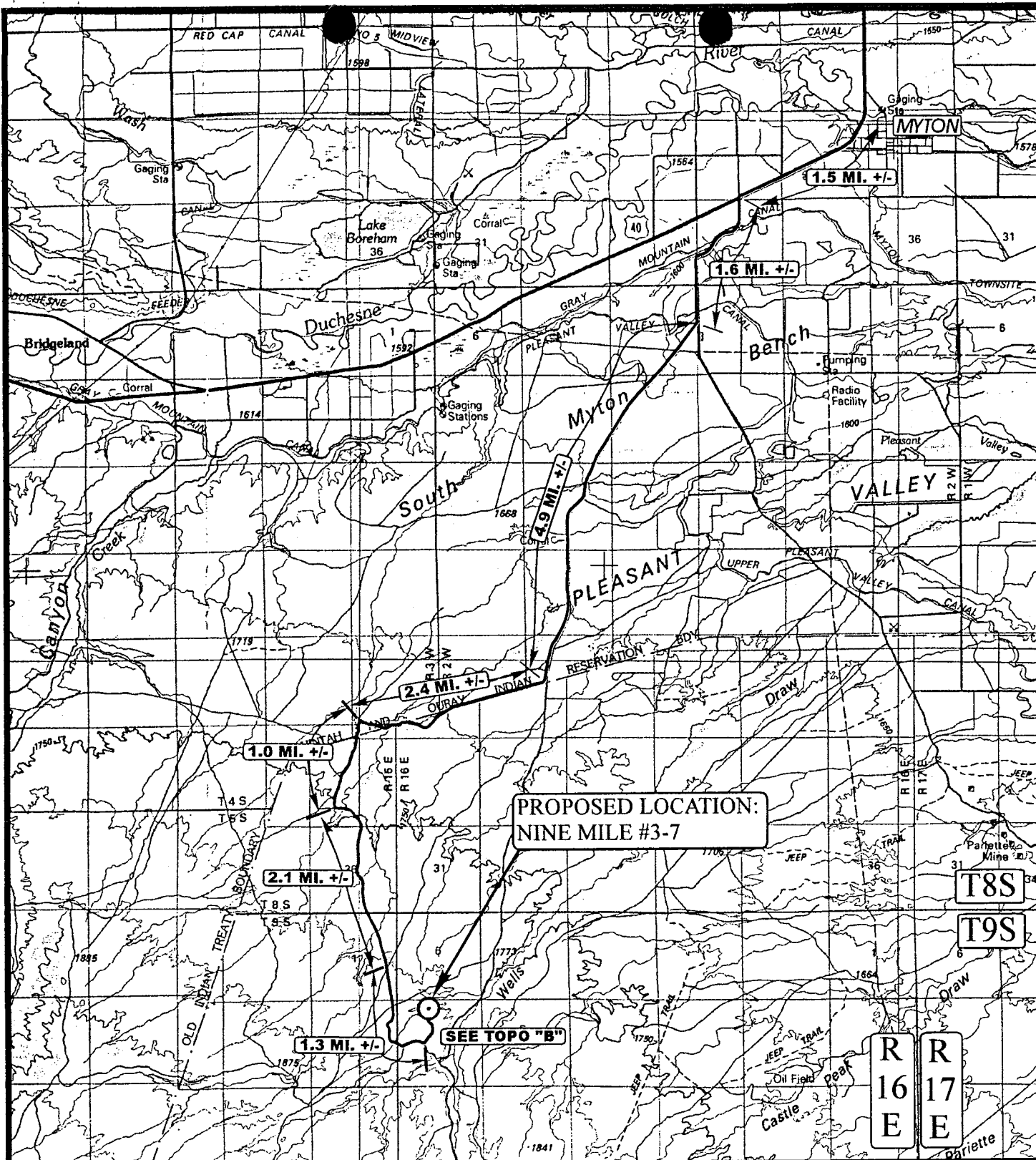
10/10/97

Date



Cheryl Cameron  
Regulatory Compliance Specialist





# LEGEND:

⊙ PROPOSED LOCATION



INLAND PRODUCITON CO.

NINE MILE #3-7

SECTION 7, T9S, R16E, S.L.B.&M.

609' FNL 2105' FWL



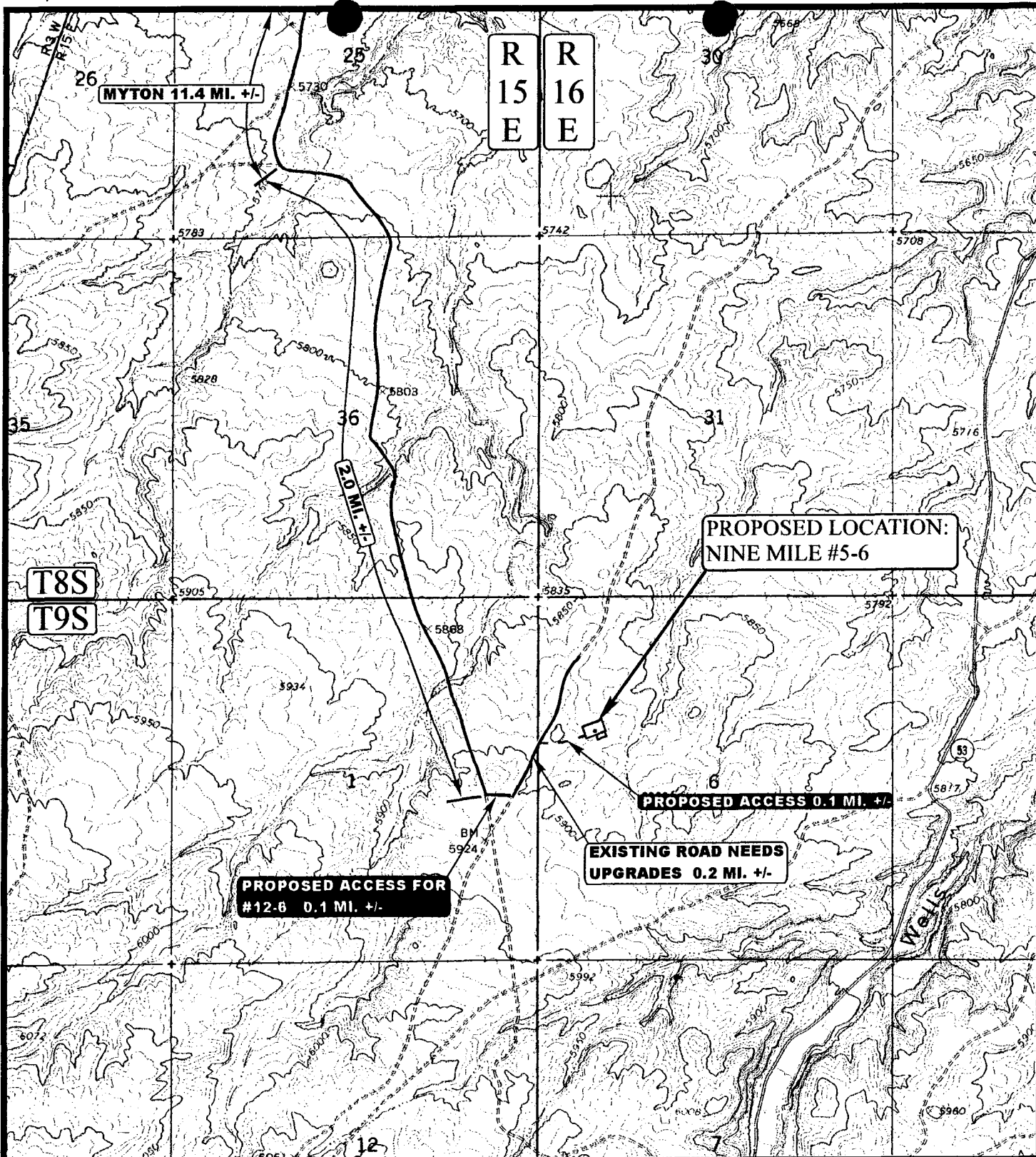
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (801) 789-1017 \* FAX (801) 789-1813  
 Email: uels@easilink.com

TOPOGRAPHIC  
 MAP

8 28 97  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.G. REVISED: 00-00-00

A  
 TOPO



# LEGEND:

----- PROPOSED ACCESS ROAD  
 ————— EXISTING ROAD

INLAND PRODUCTION CO.

NINE MILE #5-6

SECTION 6, T9S, R16E, S.L.B.&M.

1923' FNL 695' FWL

**U**  
**E**  
**I**  
**S**

Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (801) 789-1017 \* FAX (801) 789-1813  
 Email: uels@easilink.com

**TOPOGRAPHIC**  
**MAP**

**8** **25** **97**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

**B**  
 TOPO

EXHIBIT "C"

U-30096

SOUTH WELLS DRAW

UTU-73087

UTU-64379

Wells Draw Unit

UTU-73086

U-020255

U 020254

UTU-65207

UTU-72107

U-40894

UTU-64379

U-017985

UTU-64379

U-52018

9S/46E

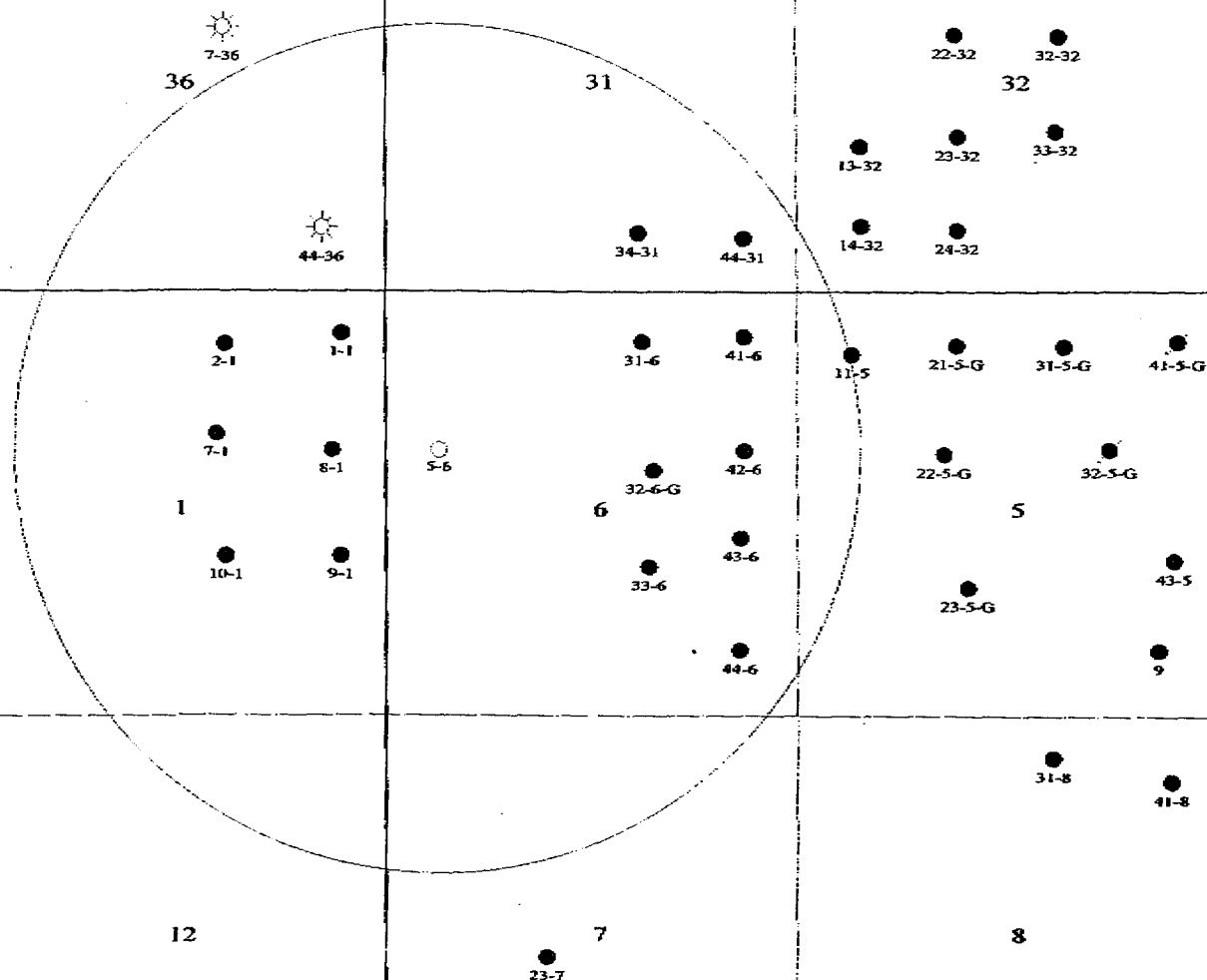
UTU-64379

NINE  
MILE

UTU-74391

UTU-74392

8S/15E



**Inland**  
RENTALS INC.

475 17<sup>th</sup> Street Suite 1500  
Denver, Colorado 80202  
Phone: (303)-292-0901

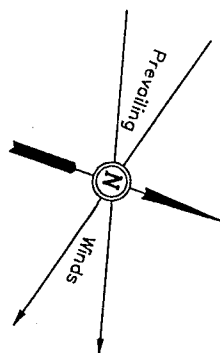
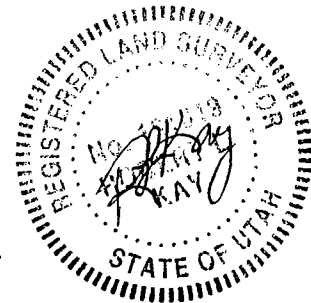
**Nine Mile #5-6**  
One Mile Radius  
Duchesne County, Utah

Date 10/3/97

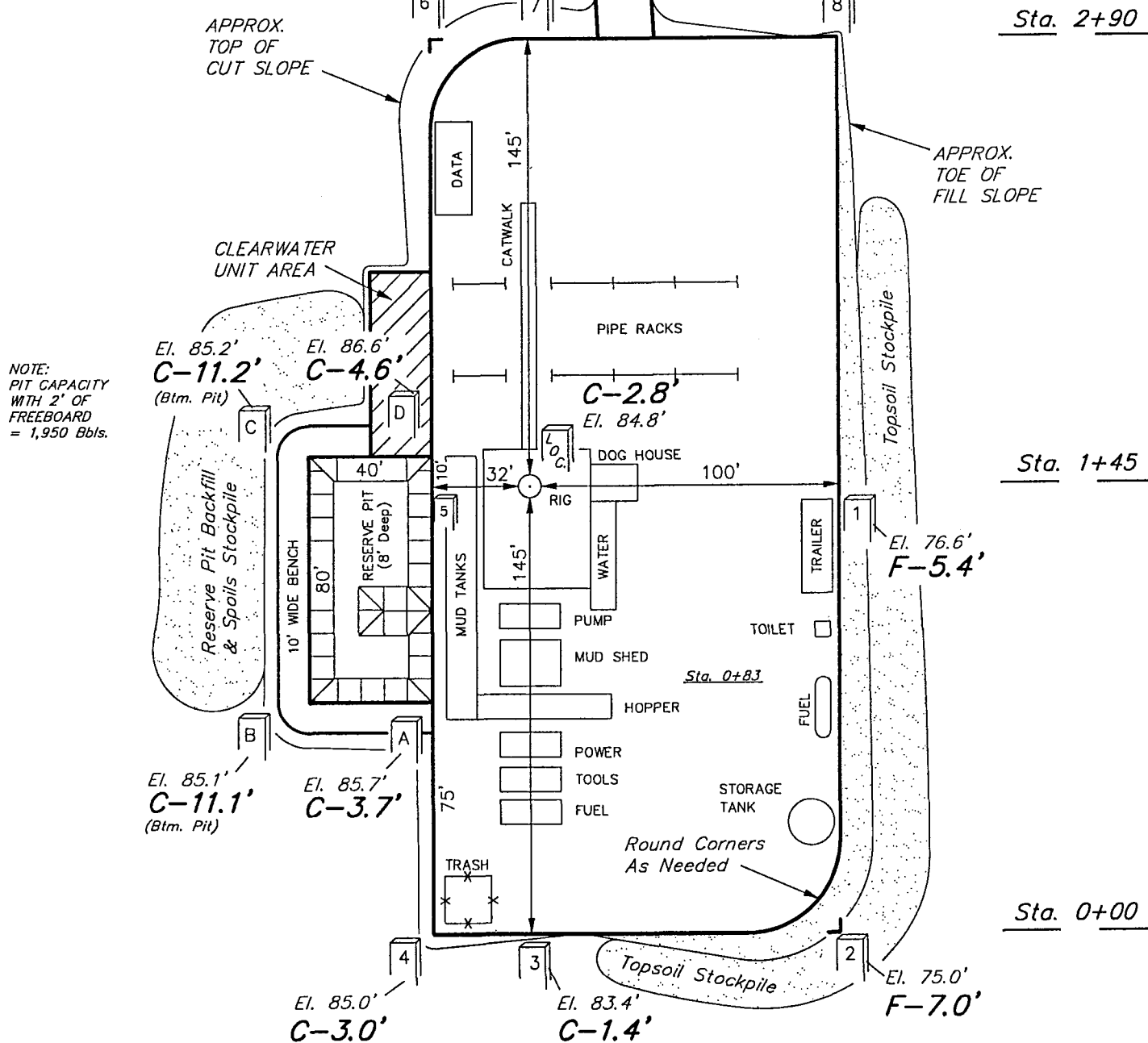
## INLAND PRODUCTION CO.

## LOCATION LAYOUT FOR

NINE MILE #5-6  
SECTION 6, T9S, R16E, S.L.B.&M.  
1923' FNL 695' FWL



SCALE: 1" = 50'  
Date: 8-29-97  
Drawn By: D.COX



Elev. Ungraded Ground at Location Stake = 5884.8'  
Elev. Graded Ground at Location Stake = 5882.0'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017

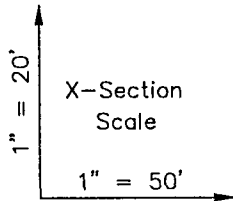
## INLAND PRODUCTION CO.

## TYPICAL CROSS SECTIONS FOR

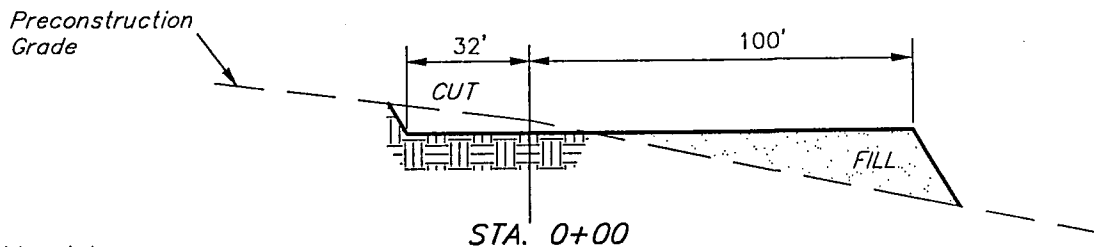
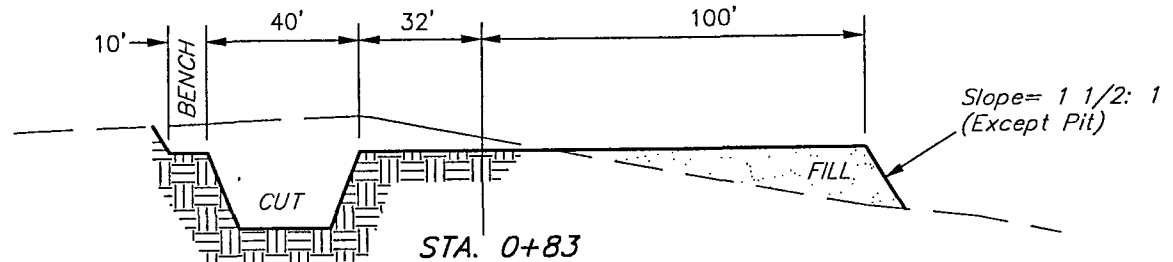
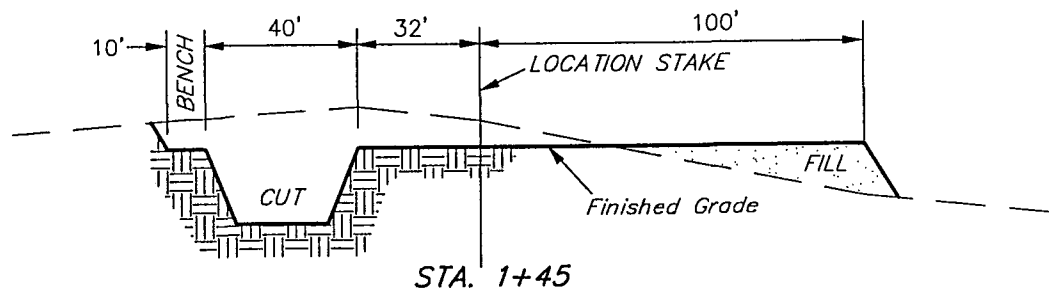
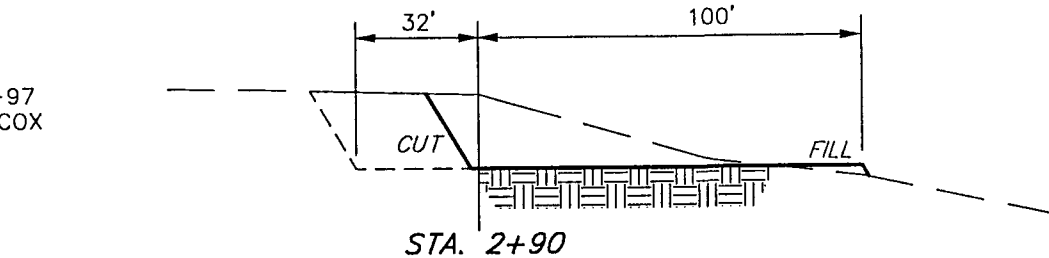
NINE MILE #5-6

SECTION 6, T9S, R16E, S.L.B.&amp;M.

1923' FNL 695' FWL



Date: 8-29-97  
Drawn By: D.COX



## NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

## APPROXIMATE YARDAGES

## CUT

(6") Topsoil Stripping = 780 Cu. Yds.

Remaining Location = 3,080 Cu. Yds.

TOTAL CUT = 3,860 CU.YDS.

FILL = 2,630 CU.YDS.

## EXCESS MATERIAL AFTER

5% COMPACTION = 1,090 Cu. Yds.

Topsoil & Pit Backfill = 1,090 Cu. Yds.  
(1/2 Pit Vol.)

EXCESS MATERIAL After = 0 Cu. Yds.

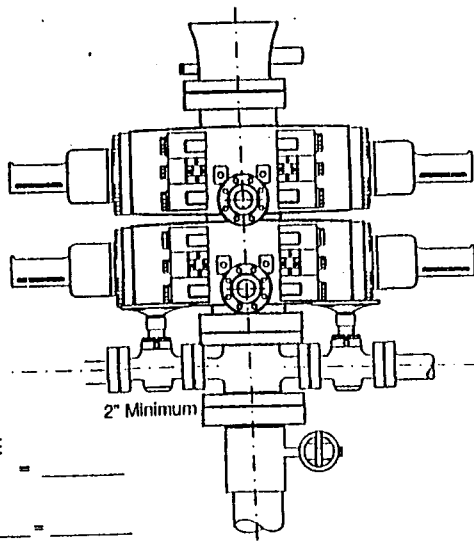
Reserve Pit is Backfilled &  
Topsoil is Re-distributed

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

RAM TYPE B.O.P.  
 Make:  
 Size:  
 Model:

## 2-M SYSTEM



2" Minimum

GAL TO CLOSE

Annular BOP = \_\_\_\_\_

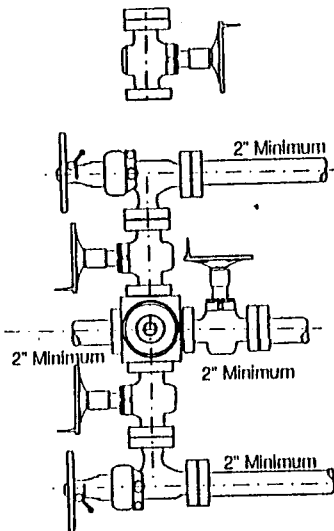
Ramtype BOP

\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_

= \_\_\_\_\_ Gal.

\_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

Rounding off to the next higher  
 increment of 10 gal. would require  
 \_\_\_\_\_ Gal. (total fluid & nitro volume)



2" Minimum

2" Minimum

2" Minimum

2" Minimum

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/15/97

API NO. ASSIGNED: 43-013-31953

WELL NAME: NINE MILE 5-6  
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:  
SWNW 06 - T09S - R16E  
SURFACE: 1923-FNL-0695-FWL  
BOTTOM: 1923-FNL-0695-FWL  
DUCHESNE COUNTY  
UNDESIGNATED FIELD (002)

LEASE TYPE: FED  
LEASE NUMBER: UTU - 74390

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(Number 4488944)  
☒ Potash (Y/N)  
☒ Oil shale (Y/N)  
☒ Water permit  
(Number GILSONITE STATE 7-32)  
☐ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

☐ R649-2-3. Unit: \_\_\_\_\_  
☒ R649-3-2. General.  
☐ R649-3-3. Exception.  
☐ Drilling Unit.  
Board Cause no: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS:

STIPULATIONS:





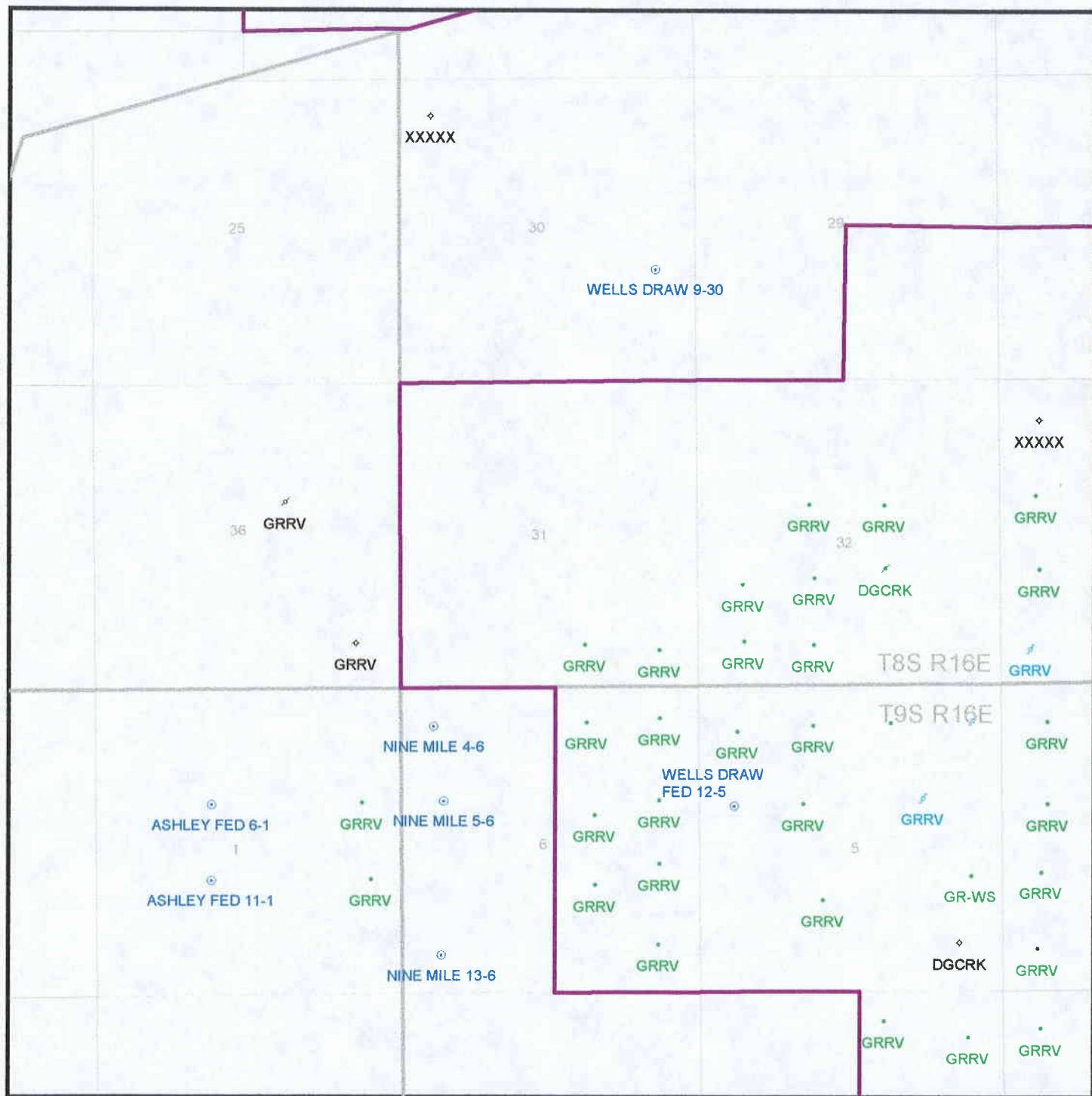
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: UNDESIGNATED (002)

SEC. TWP, RNG: 30, T8S, R16E, & 6, T9S, R16E

COUNTY: DUCHESNE UAC: R649-3-2



DATE PREPARED:  
16-OCT-1997



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

November 19, 1997

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079

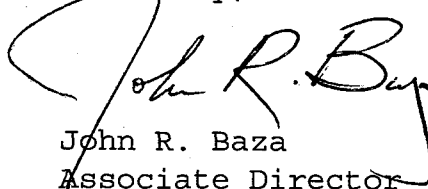
Re: Nine Mile 5-6 Well, 1923' FNL, 695' FWL, SW NW, Sec. 6,  
T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31953.

Sincerely,



John R. Baza  
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number: Nine Mile 5-6  
API Number: 43-013-31953  
Lease: U-74390  
Location: SW NW Sec. 6 T. 9 S. R. 16 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well    ☐ Gas well    ☐ Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**See Attached**

5. Lease Designation and Serial No.

**See Attached**

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

**See Attached**

9. API Well No.

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

**Duchesne, UT****12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

- ☒ Notice of Intent
- ☐ Subsequent Report
- ☐ Final Abandonment Notice

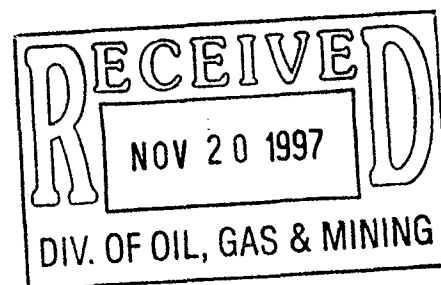
**TYPE OF ACTION**

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment     | <input checked="" type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Recompletion    | <input type="checkbox"/> New Construction           |
| <input type="checkbox"/> Plugging Back   | <input type="checkbox"/> Non-Routine Fracturing     |
| <input type="checkbox"/> Casing repair   | <input type="checkbox"/> Water Shut-off             |
| <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection    |
| <input type="checkbox"/> Other _____     | <input type="checkbox"/> Dispose Water              |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**Inland Production Company requests authorization to increase the size of the reserve pit(s), from 80' X 40' X 8' deep, to 90' X 40' X 8' deep, in order to help contain fluids in the pits, and to help eliminate traffic around the locations, for the following locations that have been submitted for APD approval, listed on the enclosed attachment.**



14. I hereby certify that the foregoing is true and correct

Signed

  
Cheryl Cameron

Title

**Regulatory Compliance Specialist**Date **11/14/97**

(This space of Federal or State office use.)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*See Instruction on Reverse Side**

The following locations were originally permitted for the reserve pit size to be 80' X 40' X 8' deep. Inland requests that the reserve pit (s) be enlarged to 90' X 40' X 8' deep:

<u>Lease No.</u>	<u>Name</u>	<u>Legal Description</u>
U-74390	Nine Mile #14-7	SE/SW Sec. 7, T9S, R16E
U-74390	Nine Mile #15-7	SW/SE Sec. 7, T9S R16E
U-74390	Nine Mile #4-6	NW/NW Sec. 6, T9S, R16E
U-74390	Nine Mile #13-6	SW/SW Sec. 6, T9S, R16E
U-74390	Nine Mile #5-6	SW/NW Sec. 6, T9S, R16E
U-30096	Wells Draw #1-4	NE/NE Sec. 4, T9S, R16E
U-30096	Wells Draw #7-4	SW/NE Sec. 4, T9S R16E
U-30096	Wells Draw #6-4	SE/NW Sec. 4, T9S, R16E
U-47171	Wells Draw #14A-34	SE/SW Sec. 34, T8S, R16E
U-74869	Tar Sands Federal #9-29	NE/SE Sec. 29, T8S R17E
U-76241	Tar Sands Federal #12-28	NW/SW Sec. 28, T8S, R17E
U-76240	Pariette Draw # 8-22	SE/NE Sec. 22, T8S, R17E
U-76240	Pariette Draw #9-22	NE/SE Sec. 22, T8S R17E
U-44426	Jonah #6-7	SE/NW Sec. 7, T9S, R17E
U-44426	Jonah #7-7	SW/NE Sec. 7, T9S, R17E
U-44426	Jonah #8-7	SE/NE Sec. 7, T9S, R17E
U-74805	S. Pleasant Valley #11-15	NE/SW Sec. 15, T9S, R17E
U-74805	S. Pleasant Valley #5-15	SW/NW Sec. 15, T9S, R17E
U-74805	S. Pleasant Valley #15-15	SW/SE Sec. 15, T9S R17E
U-34346	Hawkeye #9-23	NE/SE Sec. 23, T8S, R16E
U-34346	Hawkeye #10-23	NW/SE Sec. 23, T8S, R16E
U-34346	Hawkeye #14-23	SE/SW Sec. 23, T8S, R16E

\_\_\_\_\_

SPUDDING INFORMATION

)

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-74390**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**NINE MILE 5-6**

9. API Well No.

**43-013-31953**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**DUCHESNE COUNTY, UTAH****SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1923 FNL 695 FWL    SW/NW Section 6, T<sup>9</sup>S R<sup>16</sup>E**12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

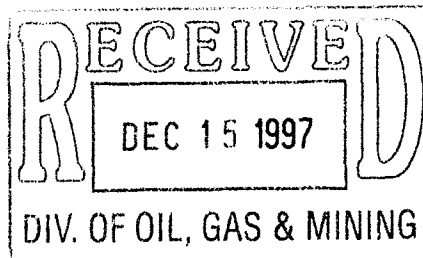
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Surface Spud**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

MIRU Leon Ross. Drl 12-1/4" sfc hole to 305'. **Spud well @ 9:00 am, 12/7/97.** Circ hole clean LD DP & DC's. Run 8-5/8" GS, 7 jt 8-5/8", 24#, J-55, ST & C csg (291'). Csg set @ 292'. RU Halliburton. Pmp 5 bbl dye wtr & 20 bbl gel. Cmt w/140 sx Premium Plus w/2% CC & 1/2#/sk flocele (15.6 ppg 1.18 cf/sk yield). Had 8 bbl cmt returns. RD Halliburton. Drl mouse & rat hole for Four Corners #6. RDMO.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

12/11/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
U-74390

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation  
NA

8. Well Name and No.  
NINE MILE 5-6-9-16

9. API Well No.  
43-013-31953

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1923 FNL 695 FWL SW/NW Section 6, T08S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Name change

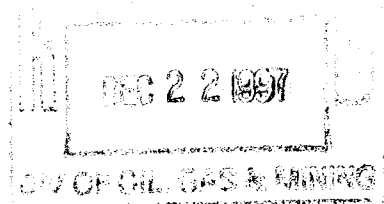
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Inland Production Company requests to change the name of the Nine Mile 5-6 to the Nine Mile 5-6-9-16.

The Application For Permit To Drill the above location was submitted on October 10, 1997 and approved November 18, 1997.



14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 12/16/97

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: UTAH DOGM



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-74390**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**NINE MILE 5-6-9-16**

9. API Well No.

**43-013-31953**

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

*SUBMIT IN TRIPLICATE*

1. Type of Well

☒ Oil Well

☐ Gas Well

☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1923 FNL 695 FWL**

**SW/NW Section 6, T08S R16E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other **Weekly Status**

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

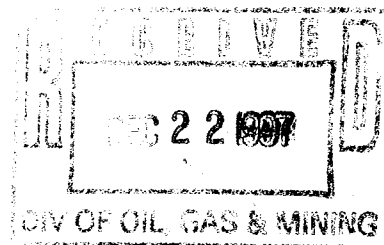
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 12/11/97 - 12/17/97**

MIRU Four Corners #6. NU BOP's. Test lines, valves, rams & manifold to 2000 psi; annular preventer & csg to 1500 psi. PU BHA & GIH. Drl plug, cmt & GS. Spud rotary rig @ 9:30 pm, 12/14/97. Drl & srvy 317' - 4564'.  
12



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

12/18/97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(December 1990)

(Other instructions on  
reverse side)Budget Bureau No. 1004-0136  
Expires December 31, 1991

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-74390</b>
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>P.O. Box 790233 Vernal, UT 84079</b> Phone: <b>(801) 789-1866</b>		8. FARM OR LEASE NAME <b>Nine Mile</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>SWNW</b> At proposed Prod. Zone <b>1923' FNL &amp; 695' FWL</b>		9. WELL NO. <b>#5-6</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>11.4 miles southwest of Myton, Utah</b>		10. FIELD AND POOL OR WILDCAT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>695'</b>	16. NO. OF ACRES IN LEASE <b>2077.19</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 6, T9S R16E</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>6500'</b>	19. PROPOSED DEPTH <b>6500'</b>	12. County <b>Duchesne</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5882.0' GR</b>		13. STATE <b>UT</b>
22. APPROX. DATE WORK WILL START* <b>4th Quarter 1997</b>		

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx
				See Detail Below

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

**SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl<sub>2</sub>, 1/4# /sk Flocele**

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H<sub>2</sub>O Req: 6.4 Gal/sk

**LONG STRING - Lead: Hibond 65 Modified**

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H<sub>2</sub>O Req: 18.08 Gal/sk

**Tail: Premium Plus Thixotropic**

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H<sub>2</sub>O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. *Cheryl Cameron* **Regulatory**  
SIGNED Cheryl Cameron TITLE Compliance Specialist DATE 10/10/97

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

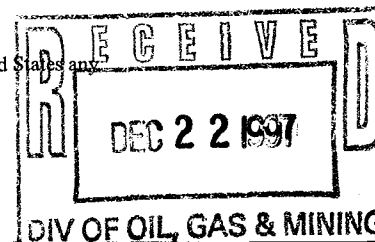
APPROVED BY *Howard B. Clancy* TITLE Assistant Field Manager DATE NOV 18 1997  
Mineral Resources

OF APPROVAL

APPROVAL ATTACHED

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Nine Mile 5-6

API Number: 43-013-31953

Lease Number: U - 74390

Location: Lot 5 (SWNW) Sec. 06 T. 9S R. 17E

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water, identified at 597 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077  
Petroleum Engineer

Wayne P. Bankert (801) 789-4170  
Petroleum Engineer

Jerry Kenczka (801) 781-1190  
Petroleum Engineer

BLM FAX Machine (801) 781-4410



## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

## **SURFACE USE PROGRAM**

### **Location Reclamation**

The reserve pit and those portions of the location not needed for production facilities and/or operations shall be reclaimed and recontoured in accordance with the APD.

Stockpiled topsoil shall then be spread over the rehabilitated areas to approximate the original topsoil thickness. Stockpile enough topsoil near the reserve pit so that when the reserve pit is reclaimed, this can be respread over the reserve pit location.

Immediately after spreading, the rehabilitated areas and the remaining topsoil stockpile shall be seeded by drilling with the following seed mixture:

globemallow	Spheralcea coccinea	2 lbs/acre
Shadscale	Atriplex confertifolia	3 lbs/acre
Fourwing saltbush	Atriplex canescens	4 lbs/acre
Galleta	Haliaria jamesii	3 lbs/acre

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Upon final abandonment if additional recontouring is needed for these areas, the topsoil shall be removed prior to the final recontouring.

Recontour all disturbed areas to blend in appearance with the surrounding terrain.

All topsoil shall be spread over the recontoured surface.

### **Mountain Plover**

According to the timeframes listed on the following chart and prior to new construction and drilling activities, a detailed survey of the area within 0.5 mile of a proposed location and 300 feet either side of the center line of a proposed access route will be made by BLM or a qualified biologist to detect the presence of plovers. Extreme care shall be exercised to locate plovers due to their highly secretive and quiet nature. Where possible, the survey shall first be made from a stationary vehicle. All plovers located will be observed long enough to determine if a nest is present. If no visual sightings are made from the vehicle, the area will be surveyed again on foot.

Starting Date of Construction or Drilling Activity	Number of Surveys
From March 15 through April 15	1
From April 16 through July 15	2
From July 16 through August 15	1

The surveys will be conducted no more than 14 days prior to the date actual construction or drilling activities begin. If two surveys are required, they will be made at least 14 days apart with the last survey no more than 14 days prior to the start-up date.

If an active nest or chicks are found in the area, the planned activity will be delayed until the chicks are out of downy plumage; the brood vacates the area of influence; or, the nest has failed.

Grading activities and new road construction will be minimized from May 25 through June 30.

### **Raptors**

If this is to be a producing well location, a multi-cylinder engine or "hospital" type muffler will be installed to the pumping unit to reduce noise levels to wildlife behavior.

### **Sage grouse**

No new construction or surface disturbing activities will be allowed within a two (2) mile radius of strutting grounds from March 1 through June 30. Contact the authorized office of the BLM during this time period to determine if sage grouse are present.

### **Other Additional Information**

#### **Surface line installation.**

1. No installation of the proposed surface gas line as depicted in the APD will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three inches deep, the soil will be deemed too wet to adequately support this equipment.
2. The surface gas line **will follow the access road**. Where possible the installers will confine their work and vehicles to the road surface as much as is technically possible. And the line will be as close to road as possible without interfering with normal road travel or maintenance.
3. All surface lines will be either black or brown in color.

4. Any surface disturbance occurring that is significant to the authorized officer, may require the operator to perform reclamation work on that area to return the disturbed area to near natural contours and vegetation.
5. If the line is to be installed between March 15 through August 15 the condition for mountain plover described for the well location above will be required.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U-74390**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**NINE MILE 5-6**

9. API Well No.  
**43-013-31953**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1923 FNL 695 FWL SW/NW Section 6, T09S R16E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Weekly Status

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WEEKLY STATUS REPORT FOR THE PERIOD OF 12/18/97 - 12/24/97

Drilled 7-7/8" hole w/Four Corners, Rig #6 from 4564' - 5950'.

Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 140 jt 5-1/2", 15.5#, J-55, LT & C csg (5925'). Csg set @ 5937'. RD Casers. RU Halliburton. C&C. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/390 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & tailed w/375 sx Thixotropic & 10% Calseal (14.2 ppg 1.59 cf/sk yield). POB w/2100 psi @ 11:50 pm, 12/23/97. Est 10 bbl cmt to sfc. RD Halliburton. Washout & ND BOP's. Set slips w/80,000#, dump & clean pits. Rig released @ 4:15 am, 12/23/97. RDMOL.

14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 1/8/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 5-6

9. API Well No.

43-013-31953

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1923 FNL 695 FWL SW/NW Section 6, T09S R16E

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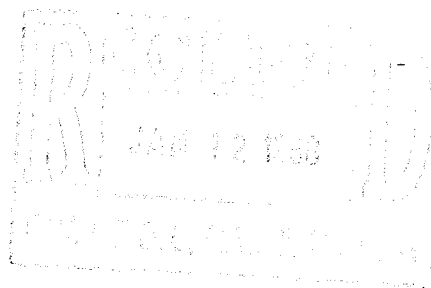
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WEEKLY STATUS REPORT FOR THE PERIOD OF 1/1/98 - 1/7/98

Perf CP sds @ 5751-53' & 5755-59'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

1/8/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

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SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1923 FNL 695 FWL SW/NW Section 6, T09S R16E

5. Lease Designation and Serial No.

U-74390

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

NINE MILE 5-6

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43-013-31953

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MONUMENT BUTTE

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DUCHESNE COUNTY, UTAH

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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

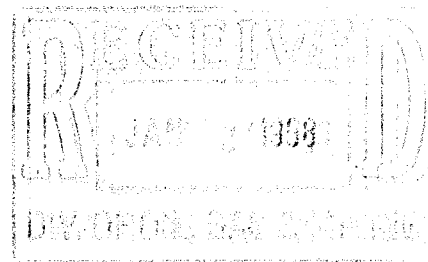
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WEEKLY STATUS REPORT FOR THE PERIOD OF 1/8/98 - 1/14/98

Perf A sds @ 5338-40', 5342-52' & 5369-72'.

Perf B sds @ 5103-06', 5118-23', 5136-45', 5147-56' & 5204-08'.

Perf D/C sds @ 4933-44', 4997-5005' & 5039-46'.



14. I hereby certify that the foregoing is true and correct

Signed

Shannon Smith

Title

Engineering Secretary

Date

1/16/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
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**SUNDRY NOTICES AND REPORTS ON WELLS**

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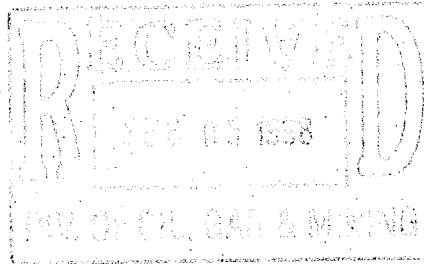
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 1/15/98 - 1/21/98**

Swab well. Trip production tbg.

PLACE WELL ON PRODUCTION @ 1:30 PM, 1/17/98.



14. I hereby certify that the foregoing is true and correct

Signed Shannon Smith Title Engineering Secretary Date 1/22/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG				
A	99999	12281	43-013-31942	Sand Wash 9-29-8-17 <del>Tan Sands Federal 9-29</del>	NW	15E	29	8S	17E	Duchesne	12/11/97	12/10/97
WELL 1 COMMENTS: Spud well w/ Union Rig #7 @ 10:00 pm, 12/11/97. Entitles added 2-10-98. Lec												
	99999	12282	43-013-31952	Nine Mile 4-6	NW	16E	6	9S	16E	Duchesne	12/18/97	01/18/97
WELL 2 COMMENTS: Spud well w/ Leon Ross @ 1:00 pm, 12/18/97.												
A	99999	12283	43-013-31943	Sand Wash 12-28-8-17 <del>Tan Sands 12-28</del>	NW	17E	28	8S	17E	Duchesne	12/20/97	12/20/97
WELL 3 COMMENTS: Spud well w/ Union #7 @ 12:30 pm, 12/20/97.												
A	99999	12284	43-013-31954	Nine Mile 13-6-9-16	SW	16E	6	9S	16E	Duchesne	1/1/98	1/1/98
WELL 4 COMMENTS: Spud well w/ Four Corner Leon Ross @ 8:15 am 1/1/98.												
A	99999	12285	43-013-31972	Wells Draw 6-4	SW	16E	4	9S	16E	Duchesne	1/7/98	1/7/98
WELL 5 COMMENTS: Spud well w/ ZCM Drilling @ 4:00 pm, 1/7/98												

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- D - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- B - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith  
Signature

Engineering Technician 2/9/98  
Title

Date

Phone No. 303, 376-8107

No. 2265 P. 2

INLAND RESOURCES

4:50PM

9. 1998

Feb. 7/89

OFFICE OF UTILITY  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12286	43-013-31773	Nine Mile 10-7	NW/SE	7	9S	16E	Duchesne	12/1/97	12/1/97
WELL 1 COMMENTS: Spud well w/Four Corners #6 @ 9:00 p.m., 12/1/97.											
4	99999	12287	43-013-31803	Nine Mile 15-7	SW/SE	7	9S	16E	Duchesne	12/2/97	12/2/97
WELL 2 COMMENTS: Spud well w/Leon Ross @ 2:45 pm, 12/2/97.											
	99999	12275	<del>43-013-31896</del>	Castle Draw 1-2	SW/NE	2	9S	16E	Duchesne	11/25/97	11/25/97
WELL 3 COMMENTS: 43-047-32843 Entity previously added. Spud well w/Union rig #7 @ 6:30 pm, 11/25/97.											
	99999	12275	<del>43-013-31899</del>	Castle Draw 8-2	SE/NE	2	9S	16E	Duchesne	12/3/97	12/3/97
WELL 4 COMMENTS: 43-047-32842 Entity previously added. Spud well w/Union rig #7 @ 10:45 pm, 12/3/97.											
	99999	12288	43-013-31953	Nine Mile 5-6	SW/NW	6	9S	16E	Duchesne	12/7/97	12/7/97
WELL 5 COMMENTS: Spud well w/Leon Ross @ 9:00 am, 12/7/97.											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith  
Signature  
Engineering Technician 2/9/98  
Title Date  
Phone No. 303, 376-8107

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company

ADDRESS 475 17th St., Suite 1500

Denver, CO 80202

OPERATOR ACCT. NO. H5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TF	RG			
A	99999	12289	43-013-31719	Nine Mile 6-6	SW	6	9S	16E	Duchesne	11/6/97	11/6/97
WELL 1 COMMENTS: Spud well w/Four Corners rig #6 @ 9:30 pm 11/6/97.											
	99999	12290	43-013-31776	Nine Mile 6-7	SW	7	9S	16E	Duchesne	11/10/97	11/10/97
WELL 2 COMMENTS: Spud well w/Leon Ross @ 4:00 pm 11/10/97.											
A	99999	12291	43-013-31777	Nine Mile 5-7	SW	7	9S	16E	Duchesne	11/16/97	11/16/97
WELL 3 COMMENTS: Spud well w/Leon Ross @ 1:00 pm 11/16/97.											
A	99999	12292	43-013-31778	Nine Mile 7-7	SW	7	9S	16E	Duchesne	11/20/97	11/20/97
WELL 4 COMMENTS: Spud well w/Leon Ross @ 11:45 11/20/97.											
	99999	12293	43-013-31990	MBFNE 11-24-8-16 Monument Bottle 11-24	SW	24	8S	16E	Duchesne	11/17/97	11/17/97
WELL 5 COMMENTS: Spud well w/Union rig #7 @ 3:00 AM 11/17/97.											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Shannon Smith  
Signature

Engineering Technician 2/9/98  
Title Date

Phone No. (303) 376-8107

893-0162

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-74390

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

7. UNIT AGREEMENT NAME

N/A

1a. TYPE OF WORK

OIL  
WELL ☒GAS  
WELL ☐DRY ☐

Other \_\_\_\_\_

1b. TYPE OF WELL

NEW  
WELL ☒WORK  
OVER ☐DEEPEN ☐PLUG  
BACK ☐DIFF  
RESVR. ☐

Other \_\_\_\_\_

8. FARM OR LEASE NAME, WELL NO.

NINE MILE 5-6-9-16

2. NAME OF OPERATOR

Inland Production Company

9. API WELL NO.

43-013-31953

3. ADDRESS AND TELEPHONE NO.

410 Seventeenth Street, Suite 700, Denver, CO 80202 (303) 292-0900

10. FIELD AND POOL OR WILDCAT

MONUMENT BUTTE

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface

SW/NW

1923 FNL 695 FWL

11. SEC., T., R., M., OR BLOCK AND SURVEY

OR AREA

Section 6, T09S R16E

At top prod. Interval reported be

At total depth

14. PERMIT NO.

43-013-31953

DATE ISSUED

11-18-97

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

15. DATE SPUDDED

12-7-97

16. DATE T.D. REACHED

12-22-97

17. DATE COMPL. (Ready to prod.)

1-7-98

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5882' GL; 5894' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

5950'

21. PLUG, BACK T.D., MD &amp; TVD

5890'

22. IF MULTIPLE COMPL.,

HOW MANY\*

N/A

23. INTERVALS

DRILLED BY

-----&gt;

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4933'-5759'

25. WAS DIRECTIONAL  
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIGL/SP/GR/CAL, SDL/DSN/GR CBL 2-13-98

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	292'	12 1/4	140 sx Prem Plus	
5 1/2	15.5#	5937'	7 7/8	390 sx Hibond & 375 sx Thixo	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	5792'	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

See Attached

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5751'-5759'	95,300# 20/40 sd in 509 Delta Frac
5338'-5372'	105,400# 20/40 sd in 538 Delta Frac
5103'-5208'	124,300# 20/40 sd in 580 Delta Frac
4933'-5046'	131,300# 20/40 sd in 597 Delta

33.\*

DATE FIRST PRODUCTION

1-7-98

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

Pumping - 2-1/2" x 1-1/2" x 17" RHAC pump

WELL STATUS (Producing or shut-in)

producing

DATE OF TEST

10 Day Avg

HOURS TESTED

1/1/98

CHOKE SIZE

N/A

PROD'N. FOR

TEST PERIOD

OIL--BBL.

263

GAS--MCF.

196

WATER--BBL.

9

GAS-OIL RATIO

0.745

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED

24-HOUR RATE

OIL--BBL.

GAS--MCF.

WATER--BBL.

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold &amp; Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Items in #26, #31

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Leah E. Knight

TITLE

Permitting Specialist

DATE

2/11/98

(See instructions and spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3834'					
Garden Gulch 2	4172'					
Point 3	4436'					
X Marker	4703'					
Y Marker	4741'					
Douglas Creek	4852'					
Bi-Carb	5096'					
B-Lime	5222'					
Castle Peak	5722'					
Basal Carbonate	NDE					
Total Depth	5950'					

**Nine Mile #5-6  
API #43-013-31953**

**31. Perforation Record**

**CP Sand – 5751'-5753'; 5755'-5759' w/4 JSPF**

**A Sand – 5338'-5340'; 5342'-5352'; 5369'-5372' w/4 JSPF**

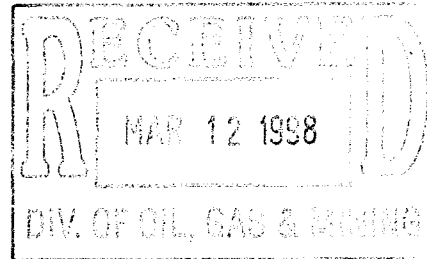
**B Sand – 5103'-5106'; 5118'-5123'; 5136'-5145';  
5147'-5156'; 5204'-5208' w/4 JSPF**

**D/C Sand – 4933'-4944'; 4997'-5005'; 5039'-5046' w/4 JSPF**



March 11, 1998

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801



RE: Permit Application for Water Injection Well  
Nine Mile #5-6-9-16  
Monument Butte Field, Lease #UTU-74390  
Section 6-Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests the following approval(s):

1. Conversion of the Nine Mile #5-6-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, West Point Unit (proposed);
2. Installation of an injection flowline. The proposed water injection line would leave the Nine Mile#5-6-9-16 and run approximately 500' in a southwesterly direction, whereby it would tie into an existing line. The line would be a 3" coated steel pipe, buried 5' below the surface.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Debbie Knight at (303) 382-4434.

Sincerely,

John E. Dyer  
Chief Operating Officer

**INLAND PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**NINE MILE #5-6-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**WEST POINT UNIT (PROPOSED)**  
**LEASE #UTU-74390**  
**MARCH 11, 1998**



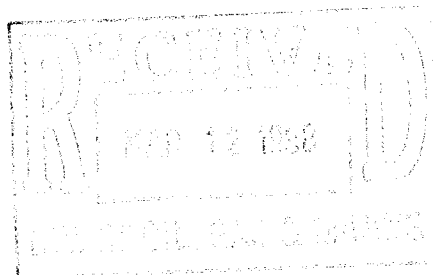
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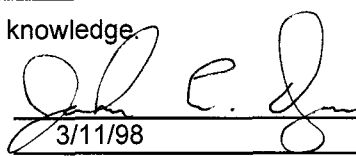
<b>LETTER OF INTENT</b>	
<b>COVER PAGE</b>	
<b>TABLE OF CONTENTS</b>	
<b>UIC FORM 1 – APPLICATION FOR INJECTION WELL</b>	
<b>WELLBORE DIAGRAM OF PROPOSED INJECTION</b>	
<b>WORK PROCEDURE FOR INJECTION CONVERSION</b>	
<b>COMPLETED RULE R615-5-1 QUESTIONNAIRE</b>	
<b>COMPLETED RULE R615-5-2 QUESTIONNAIRE</b>	
<b>ATTACHMENT A</b>	<b>ONE-HALF MILE RADIUS MAP</b>
<b>ATTACHMENT A-1</b>	<b>WELL LOCATION PLAT</b>
<b>ATTACHMENT B</b>	<b>LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS</b>
<b>ATTACHMENT C</b>	<b>CERTIFICATION FOR SURFACE OWNER NOTIFICATION</b>
<b>ATTACHMENT D</b>	<b>LOCATION OF EXISTING AND PROPOSED WATERLINES</b>
<b>ATTACHMENT E</b>	<b>WELLBORE DIAGRAM – NINE MILE #5-6-9-16</b>
<b>ATTACHMENT E-1</b>	<b>WELLBORE DIAGRAM – NINE MILE #3-6-9-16</b>
<b>ATTACHMENT E-2</b>	<b>WELLBORE DIAGRAM – NINE MILE #4-6-9-16</b>
<b>ATTACHMENT E-3</b>	<b>WELLBORE DIAGRAM – NINE MILE #6-6</b>
<b>ATTACHMENT E-4</b>	<b>WELLBORE DIAGRAM – NINE MILE #11-6</b>
<b>ATTACHMENT E-5</b>	<b>WELLBORE DIAGRAM – N. ASHLEY FEDERAL #1-1</b>
<b>ATTACHMENT E-6</b>	<b>WELLBORE DIAGRAM – N. ASHLEY FEDERAL #8-1</b>
<b>ATTACHMENT E-7</b>	<b>WELLBORE DIAGRAM – N. ASHLEY FEDERAL #9-1</b>
<b>ATTACHMENT F</b>	<b>WATER ANALYSIS OF THE FLUID TO BE INJECTED</b>
<b>ATTACHMENT F-1</b>	<b>WATER ANALYSIS OF THE FLUID IN THE FORMATION</b>
<b>ATTACHMENT F-2</b>	<b>WATER ANALYSIS OF THE COMPATIBILITY OF THE FLUIDS</b>
<b>ATTACHMENT G</b>	<b>FRACTURE GRADIENT CALCULATIONS</b>
<b>ATTACHMENT G-1</b>	<b>FRACTURE REPORT DATED 1-6-98</b>
<b>ATTACHMENT G-2</b>	<b>FRACTURE REPORT DATED 1-9-98</b>
<b>ATTACHMENT G-3</b>	<b>FRACTURE REPORT DATED 1-11-98</b>
<b>ATTACHMENT G-4</b>	<b>FRACTURE REPORT DATED 1-14-98</b>
<b>ATTACHMENT H</b>	<b>WORK PROCEDURE FOR PROPOSED PLUGGING AND ABANDONMENT</b>
<b>ATTACHMENT H-1</b>	<b>WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL</b>

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR	Inland Production Company
ADDRESS	410 17th Street, Suite 700
	Denver, Colorado 80202



Well Name and number:	Nine Mile #5-6-9-16				
Field or Unit name:	Monument Butte (Green River)	West Point Unit	Lease No.	UTU-74390	
Well Location: QQ	SWNW	section 6	township 9S	range 16E	county Duchesne
Is this application for expansion of an existing project? . . . . . Yes [ X ] No [ ]					
Will the proposed well be used for:					
Enhanced Recovery?		Yes [ X ] No [ ]			
Disposal?		Yes [ ] No [ X ]			
Storage?		Yes [ ] No [ X ]			
Is this application for a new well to be drilled? . . . . . Yes [ ] No [ X ]					
If this application is for an existing well,					
has a casing test been performed on the well? . . . . . Yes [ X ] No [ ]					
Date of test: 1/3/98					
API number: 43-013-31953					
Proposed injection interval: from 4933' to 5759'					
Proposed maximum injection: rate 500 bpd pressure 2271 psig					
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.					
IMPORTANT: Additional information as required by R615-5-2 should accompany this form.					
List of Attachments: Exhibits "A" through "G"					
I certify that this report is true and complete to the best of my knowledge.					
Name:	John E. Dyer	Signature			
Title	Chief Operating Officer	Date	3/11/98		
Phone No.	(303) 292-0900				
(State use only)					
Application approved by			Title		
Approval Date					

Comments:

# Nine Mile #5-6

Spud Date: 12/7/97

Put on Production: 1/7/98

GL: 5882' KB: 5894'

## SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 291'

DEPTH LANDED: 292'

HOLE SIZE: 12-1/4"

CEMENT DATA: 140 sxs Premium cmt, est 8 bbls to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 140 jts. (5925')

DEPTH LANDED: 5937'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sxs Hibond mixed & 375 sxs thixotropic

CEMENT TOP AT:

## TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 182 jts

TUBING ANCHOR: 5690'

TOTAL STRING LENGTH: ?

SN LANDED AT: 5755'

## SUCKER RODS

POLISHED ROD:

SUCKER RODS:

PUMP SIZE:

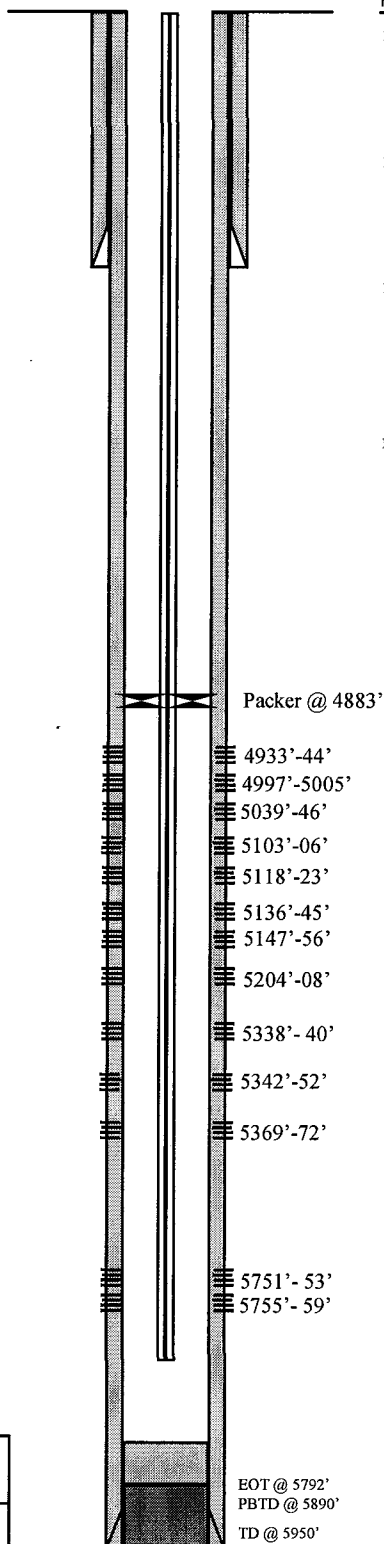
STROKE LENGTH:

PUMP SPEED, SPM:

LOGS: DIGL/SP/GR/CAL (5946'-304')

DSN/SDL/GR (5920'-3000')

## Proposed Injection Wellbore Diagram



Initial Production: 263 BOPD,  
196 MCFPD, 9 BWPD

## FRAC JOB

1/6/98	5751'-5759'	<b>Frac CP sand as follows:</b> 95,300# of 20/40 sd in 509 bbls Delta Frac. Treated @ avg rate 28.3 bpm, avg press 2000 psi. Breakdown @ 3129 psi. ISIP-2268 psi, 5-min 1884 psi. Flowback for 4 hrs & died.
1/9/98	5338'-5372'	<b>Frac A sand as follows:</b> 105,400# of 20/40 sd in 538 bbls Delta Frac. Breakdown @ 2051 psi. Treated @ avg rate of 35.2 BPM, avg press 2051 psi. ISIP-2822 psi, 5-min 2577 psi. Flowback on 12/64" ck for 2-1/2 hrs & died.
1/11/98	5103'-5208'	<b>Frac B sand as follows:</b> 124,300# 20/40 sand in 580 bbls Delta Frac. Breakdown @ 1712 psi. Treated w/avg press of 1600 psi w/avg rate of 32.5 BPM. ISIP - 3165 psi, 5 min 2712 psi. Flowback on 12/64" ck for 3 hrs & died.
1/14/98	4933'-5046'	<b>Frac D/C sand as follows:</b> 131,300# 20/40 sand in 597 bbls of Delta Frac. Breakdown @ 1358 psi. Treated @ avg press of 1900 psi w/avg rate of 35.3 BPM. ISIP-2893 psi, 5 min 2551 psi. Flowback on 12/64" ck for 3 hrs & died.

## PERFORATION RECORD

1/4/98	5751'-5753'	4 JSPF	8 holes
1/4/98	5755'-5759'	4 JSPF	16 holes
1/8/98	5338'-5340'	4 JSPF	8 holes
1/8/98	5342'-5352'	4 JSPF	40 holes
1/8/98	5369'-5372'	4 JSPF	12 holes
1/10/98	5103'-5106'	4 JSPF	12 holes
1/10/98	5118'-5123'	4 JSPF	20 holes
1/10/98	5136'-5145'	4 JSPF	36 holes
1/10/98	5147'-5156'	4 JSPF	36 holes
1/10/98	5204'-5208'	4 JSPF	16 holes
1/13/98	4933'-4944'	4 JSPF	44 holes
1/13/98	4997'-5005'	4 JSPF	32 holes
1/13/98	5039'-5046'	4 JSPF	28 holes



**Inland Resources Inc.**

**Nine Mile #5-6**

1923 FNL 695 FWL

SWNW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31953; Lease #U-74390

## **WORK PROCEDURE FOR INJECTION CONVERSION**

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.**
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.**
- 3. Test casing and packer.**
- 4. Rig down, move out.**

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS**  
**RULE R615-5-1**

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Inland Production Company  
410 17<sup>th</sup> Street, Suite 700  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Nine Mile #5-6-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, West Point Unit (proposed); and to install a water injection line. The line would run approximately 500' in a westerly direction, and would be a 3" coated steel pipe, buried 5' below the surface. See Attachment D.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Douglas Creek Member of the Green River Formation. At the Nine Mile #5-6-9-16 well, the proposed injection zone is from 4933'-5759'. The confining stratum directly above and below the injection zone is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 4933'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Nine Mile #5-6-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a <sup>Federal</sup> State lease (Lease #UTU-74390), in the Monument Butte (Green River) Field, West Point Unit (proposed), and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachment A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 292' GL, and the 5-1/2" casing run from surface to 5937' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, and F-2.

**2.8 The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2271 psig.

**2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The fracture gradient for the Nine Mile #5-6-9-16, for proposed zones (4933' – 5759') calculates at .83 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2271 psig. See Attachment G through G-4.

**2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Nine Mile #5-6-9-16, the injection zone (4933'-5759') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

**2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-7.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

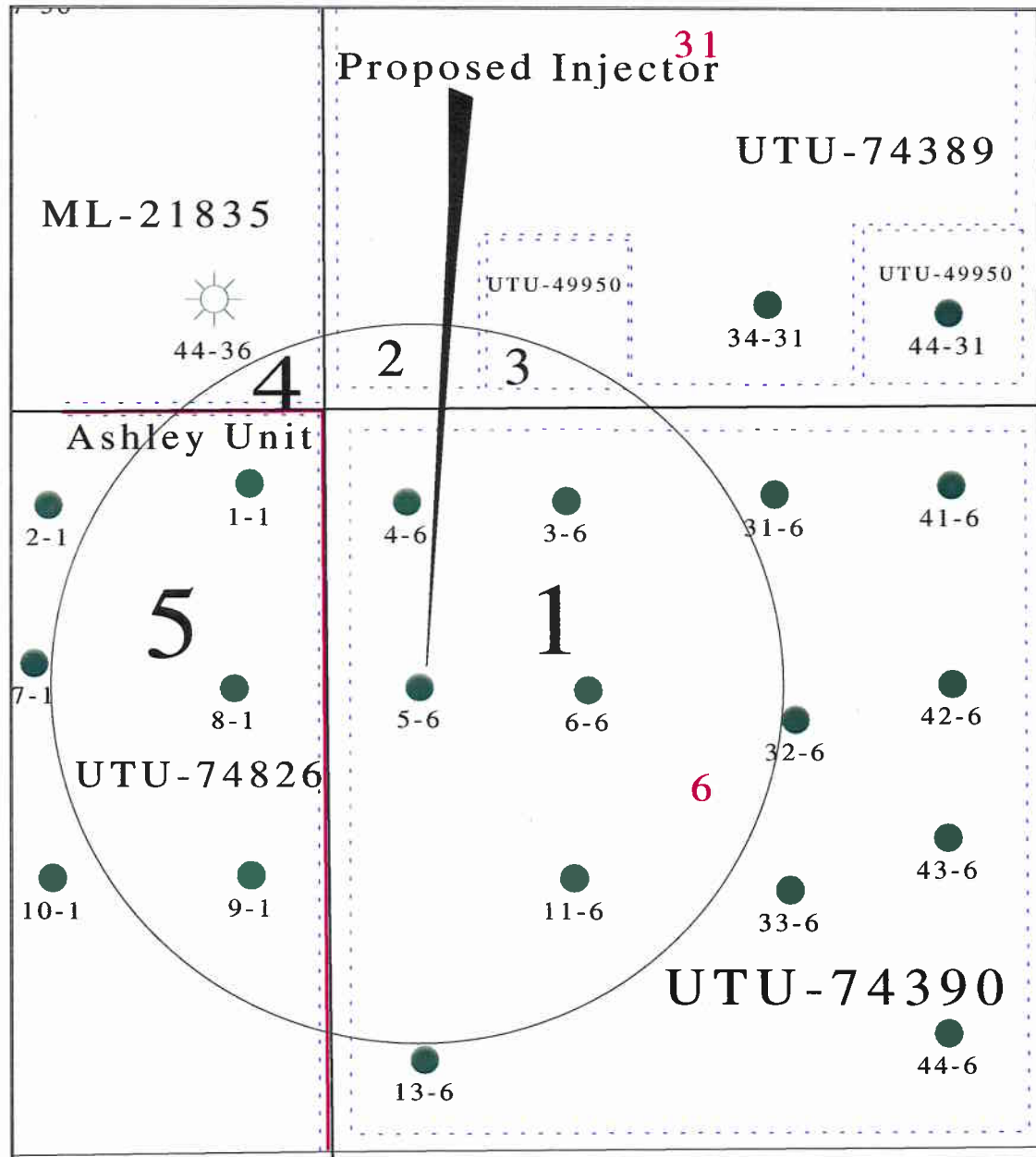
**2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

**2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Inland Production Company will supply any requested information to the Board or Division.

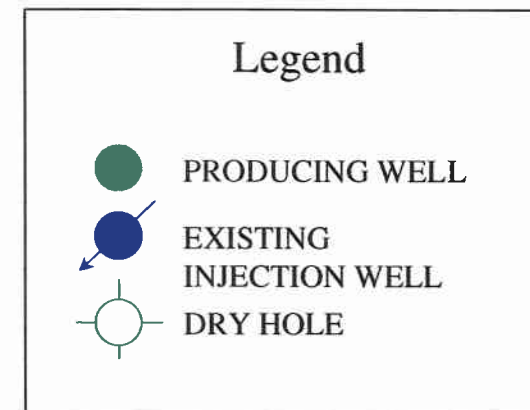




# **NINE MILE** **Duchesne County, Utah** **Mineral Rights**

(GRAZING RIGHTS ONLY)  
 LESSEE: ELMER MOON & SONS

## **EXHIBIT**



NINE MILE FEDERAL #5-6 5950 TD

Attachment A

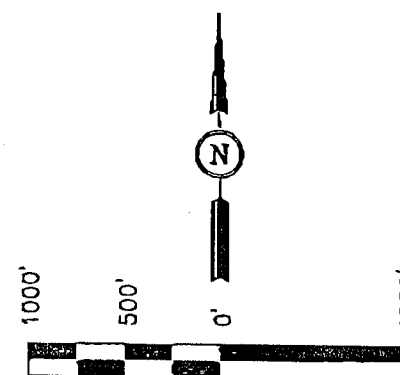
T9S, R16E, S.L.B.&M.

# INLAND PRODUCTION CO.

Well location, NINE MILE #5-6, located as shown in the SW 1/4 NW 1/4 of Section 6, T9S, R16E, S.L.B.&M., Duchesne County, Utah.

## BASIS OF ELEVATION

BENCH MARK LOCATED IN THE NE 1/4 SE 1/4 OF SECTION 1, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5924 FEET.



SCALE

## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

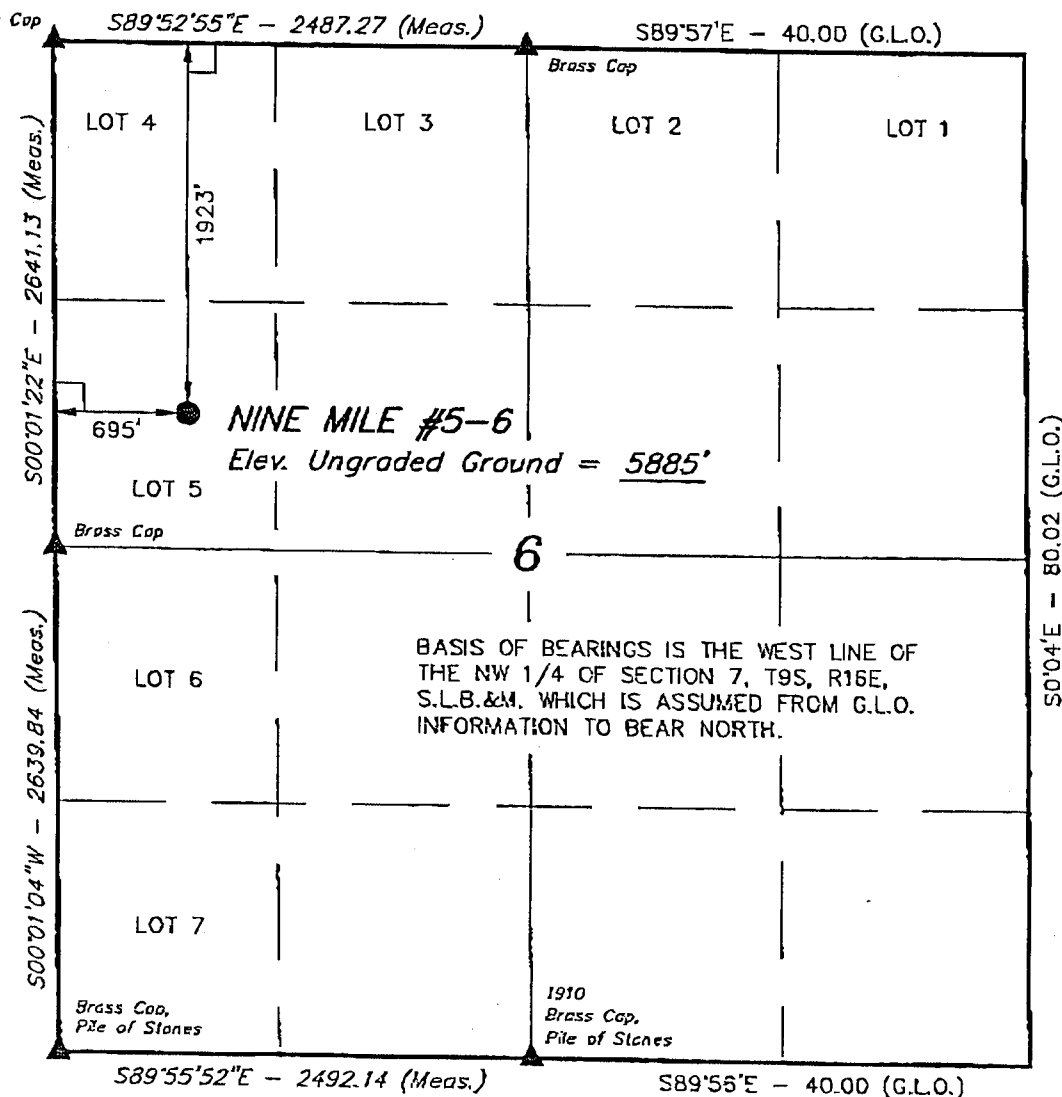
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 16139  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 8-24-97	DATE DRAWN: 8-29-97
PARTY L.D.T. B.H. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	



## LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

Received Time Mar. 6. 5:24PM

MAR-06-98 FRI 04:31 PM

INLAND RESOURCES INC

FAX NO. 4357229149

Attachment A-1

# EXHIBIT B

Page 1

Tract	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights Grazing Rights Leased By
1	Township 9 South, Range 16 East Section 6: All Section 7: All Section 8: W/2 Section 17: NW/4 Section 18: N/2	UTU-74390 HBP	Inland Production Company Yates Petroleum Corp. Abo Petroleum Corp. Myco Industries, Inc. Yates Drilling Co.	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons
2	Township 8 South, Range 16 East Section 13: Lots 1-4, NE/4, E/2NW/4, NE/4SW/4 N/2SE/4, SW/4SE/4	UTU-74389 10/18/2005	Inland Production Company Yates Petroleum Corp. Abo Petroleum Corp. Myco Industries, Inc. Yates Drilling Co.	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons

Attachment B  
(Pg 1 of 2)

# EXHIBIT B

Page 2

Tract	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights Grazing Rights Leased By
3	Township 8 South, Range 16 East Section 31: SE/4SW/4, SE/4SE/4	UTU-49950 HBP	Inland Production Company	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons
4	Township 8 South, Range 15 East Section 36: All	ML-21835 HBP	Inland Production Company Global Natural Resources Corp.	(Surface Rights) State (Grazing Rights) Elmer Moon & Sons
5	Township 9 South, Range 15 East Section 1: All Section 3: All Section 10: All Section 11: All Section 12: All	UTU-74826 HBP	Inland Production Company	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons

Attachment B  
(Pg 2 of 2)

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Nine Mile #5-6-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

*John E. Dyer*  
Inland Production Company  
John E. Dyer  
Chief Operating Officer

Sworn to and subscribed before me this 9<sup>th</sup> day of March, 1998.

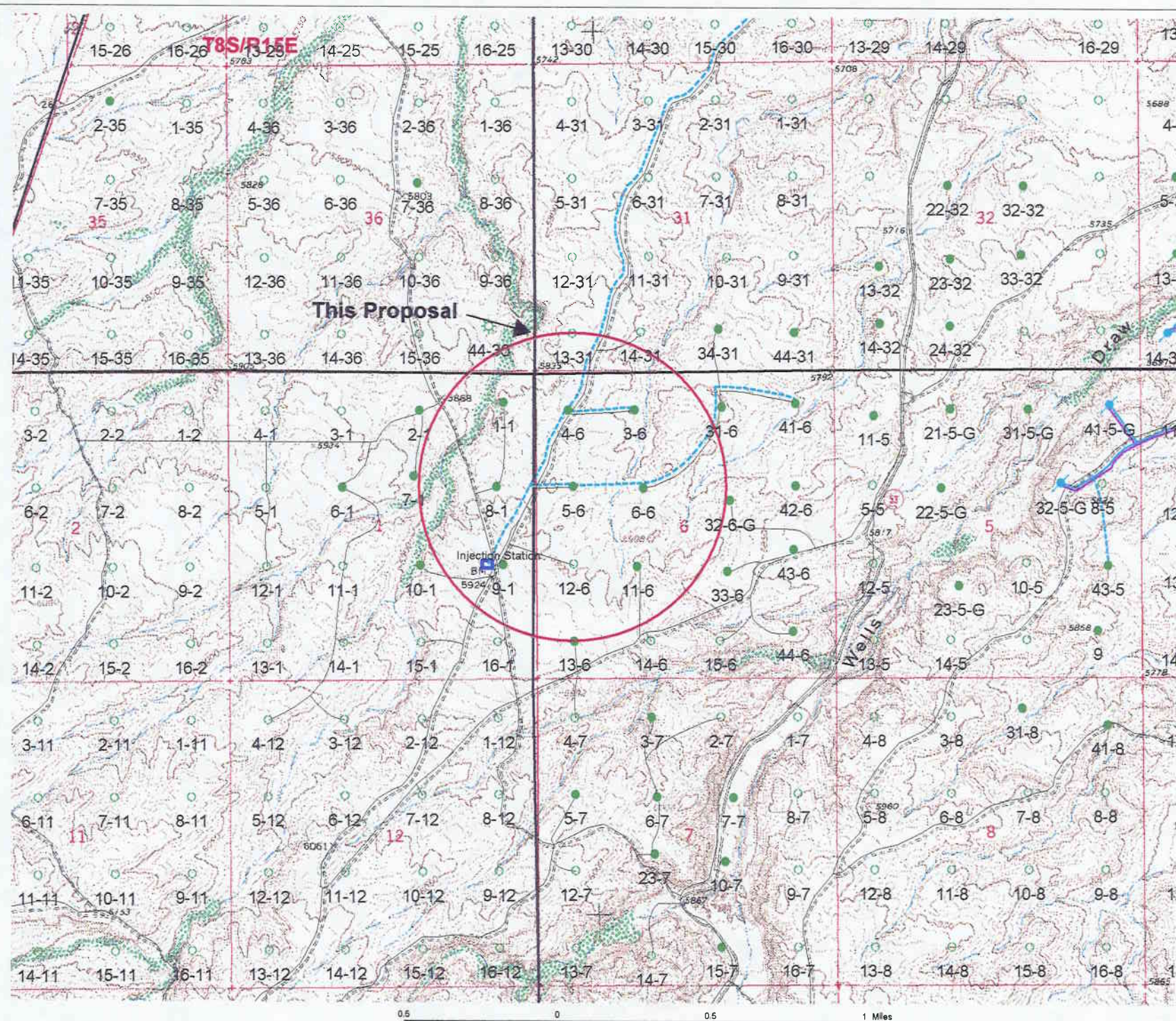
Notary Public in and for the State of Colorado: \_\_\_\_\_

*Patsy A. Barreau*



My Commission Expires 11/14/2000





- Legend
- INJ
  - OIL
  - GAS
  - O&G
  - DRY
  - SHUTIN
  - LOC
  - Proposed Water 6"
  - Water 6"
  - Water 4"
  - Water 2- 3"
  - Proposed Water



## Nine Mile #5-6

Spud Date: 12/7/97

Put on Production: 1/7/98

GL: 5882' KB: 5894'

## Wellbore Diagram

Initial Production: 263 BOPD,  
196 MCFPD, 9 BWPDSURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 291'  
 DEPTH LANDED: 292'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sks Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5925')  
 DEPTH LANDED: 5937'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 390 sks Hibond mixed & 375 sks thixotropic  
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 182 jts  
 TUBING ANCHOR: 5690'  
 TOTAL STRING LENGTH: ?  
 SN LANDED AT: 5755'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1 1/2" wt rods; 4-3/4" scraped; 126-3/4" plain; 96-3/4" scraped;  
 PUMP SIZE: 2-1/2" x 1-1/2" x 17' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 8.5 SPM  
 LOGS: DIGL/SP/GR/CAL (5946'-304')  
 DSN/SDL/GR (5920'-3000')

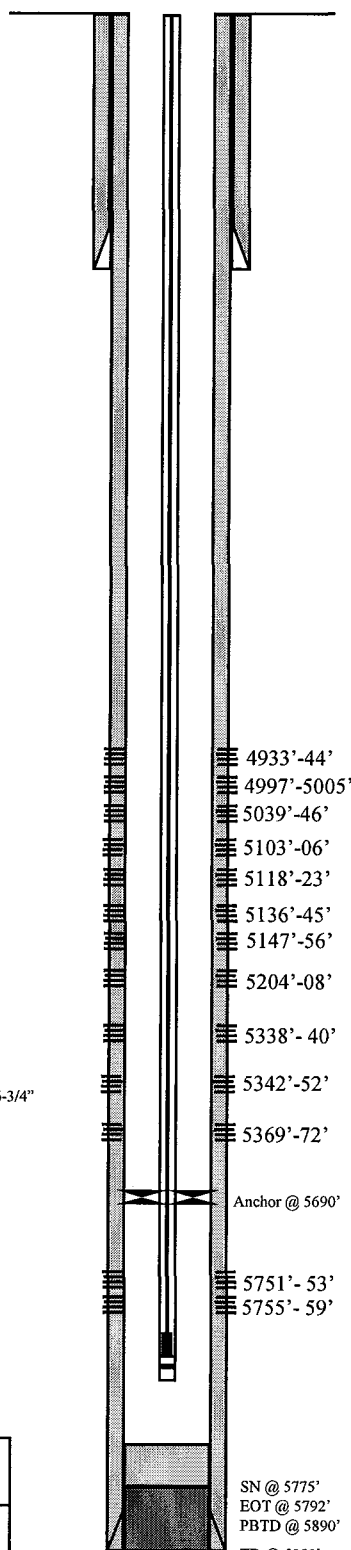
FRAC JOB

1/6/98 5751'-5759' **Frac CP sand as follows:**  
 95,300# of 20/40 sd in 509 bbls  
 Delta Frac. Treated @ avg rate 28.3 bpm,  
 avg press 2000 psi. Breakdown @ 3129  
 psi. ISIP-2268 psi, 5-min 1884 psi.  
 Flowback for 4 hrs & died.

1/9/98 5338'-5372' **Frac A sand as follows:** 105,400#  
 of 20/40 sd in 538 bbls Delta Frac.  
 Breakdown @ 2051 psi. Treated @ avg  
 rate of 35.2 BPM, avg press 2051 psi.  
 ISIP-2822 psi, 5-min 2577 psi. Flowback  
 on 12/64" ck for 2-1/2 hrs & died.

1/11/98 5103'-5208' **Frac B sand as follows:**  
 124,300# 20/40 sand in 580 bbls Delta  
 Frac. Breakdown @ 1712 psi. Treated  
 w/avg press of 1600 psi w/avg rate of  
 32.5 BPM. ISIP - 3165 psi, 5 min 2712  
 psi. Flowback on 12/64" ck for 3 hrs  
 & died.

1/14/98 4933'-5046' **Frac D/C sand as follows:**  
 131,300# 20/40 sand in 597 bbls of Delta  
 Frac. Breakdown @ 1358 psi. Treated  
 @ avg press of 1900 psi w/avg rate of  
 35.3 BPM. ISIP-2893 psi, 5 min 2551  
 psi. Flowback on 12/64" ck for 3 hrs &  
 died.

PERFORATION RECORD

1/4/98	5751'-5753'	4 JSPF	8 holes
1/4/98	5755'-5759'	4 JSPF	16 holes
1/8/98	5338'-5340'	4 JSPF	8 holes
1/8/98	5342'-5352'	4 JSPF	40 holes
1/8/98	5369'-5372'	4 JSPF	12 holes
1/10/98	5103'-5106'	4 JSPF	12 holes
1/10/98	5118'-5123'	4 JSPF	20 holes
1/10/98	5136'-5145'	4 JSPF	36 holes
1/10/98	5147'-5156'	4 JSPF	36 holes
1/10/98	5204'-5208'	4 JSPF	16 holes
1/13/98	4933'-4944'	4 JSPF	44 holes
1/13/98	4997'-5005'	4 JSPF	32 holes
1/13/98	5039'-5046'	4 JSPF	28 holes



Inland Resources Inc.

Nine Mile #5-6

1923 FNL 695 FWL

SWNW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31953; Lease #U-74390

## Nine Mile #3-6

Spud Date: 10/16/97

Put on Production: 12/3/97

GL: 5841' KB: 5853'

Initial Production: 52 BOPD,  
81 MCFPD, 12 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH:

DEPTH LANDED: 282.12'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 138 jts. (5931')

DEPTH LANDED: 5944'

HOLE SIZE: 7-7/8"

CEMENT DATA: 380 sks Hibond mixed &amp; 335 sks thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 182 jts

TUBING ANCHOR: 5706'

TOTAL STRING LENGTH: ?

SN LANDED AT: 5770'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-11/2" wt rods; 4-3/4" scraped; 126-3/4" plain; 95-3/4" scraped; 1-8", 1-4", 1-4" x 3/4" pony rods

PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2' RHAC

STROKE LENGTH: 64"

PUMP SPEED, SPM: 5.5 SPM

LOGS: DIGL/SP/GR/CAL (5950'-300')

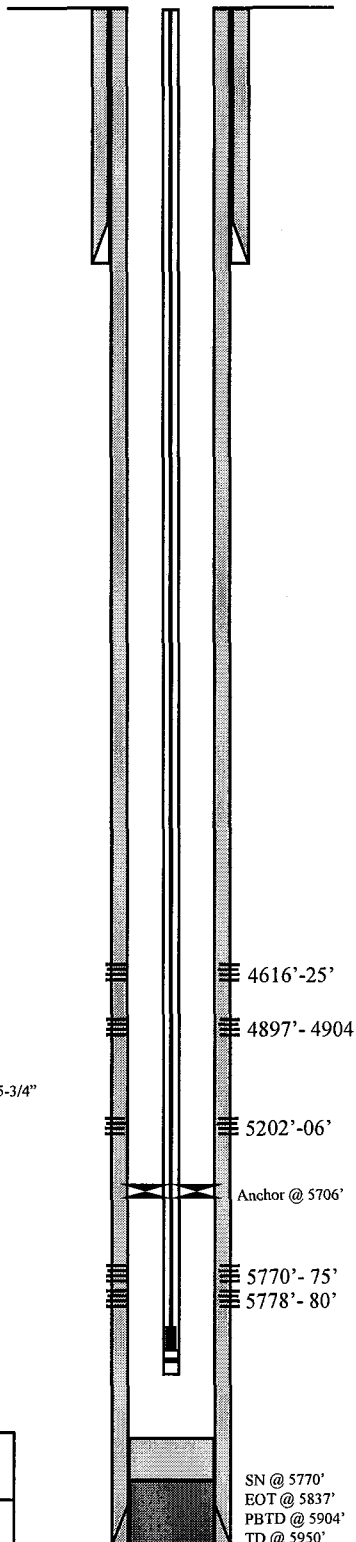
DSN/SDL/GR (5918'-3000')

FRAC JOB

11/21/97	5770'-5780'	<b>Frac CP sand as follows:</b> 95,300# of 20/40 sd in 504 bbls Delta Frac. Treated @ avg rate 28 bpm, avg press 2110 psi. Breakdown @ 3618 psi. ISIP-2612 psi, 5-min 2117 psi. Flowback for 3 hrs & died.
11/23/97	5202'-5206'	<b>Frac B sand as follows:</b> 95,300# of 20/40 sd in 492 bbls Delta Frac. Breakdown @ 3401 psi. Treated @ avg rate of 26.4 BPM, avg press 2250 psi. ISIP-2060 psi, 5-min 1866 psi. Flowback on 12/64" ck for 4 hrs & died.
11/26/97	4897'-4904'	<b>Frac D sand as follows:</b> 95,300# 20/40 sand in 501 bbls Delta Frac. Breakdown @ 2095 psi. Treated w/avg press of 2090 psi w/avg rate of 25.9 BPM. ISIP - 2611 psi, 5 min 2496 psi. Flowback on 12/64" ck for 3-1/2 hrs & died.
11/29/97	4616'-4625'	<b>Frac PB sand as follows:</b> 95,300# 20/40 sand in 479 bbls of Delta Frac. Breakdown @ 2316 psi. Treated @ avg press of 2210 psi w/avg rate of 26BPM. ISIP-2762 psi, 5 min 2551 psi. Flowback on 12/64" ck for 2 hrs & died.

PERFORATION RECORD

11/19/97	5770'-5775'	4 JSPF	20 holes
11/19/97	5778'-5780'	4 JSPF	8 holes
11/22/97	5202'-5206'	4 JSPF	16 holes
11/25/97	4897'-4904'	4 JSPF	28 holes
11/27/97	4616'-4625'	4 JSPF	36 holes



Inland Resources Inc.

Nine Mile #3-6

663 FNL 1728 FWL

NENW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31816; Lease #UTU-74390



## Nine Mile #4-6-9-16

Spud Date: 12/18/97

Put on Production: 1/30/98

GL: 5864' KB: 5876'

Initial Production: 50 BOPD,  
87 MCFPD, 56 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (294')

DEPTH LANDED: 293'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 139 jts. (5965')

DEPTH LANDED: 5977'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sks Hibond mixed &amp; 395 sks thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 186 jts

TUBING ANCHOR: 5791'

TOTAL STRING LENGTH: ?

SN LANDED AT: 5855'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-11/2" wt rods; 4-3/4" scraped; 130-3/4" plain; 95-3/4" scraped; 1-8", 1-6" x 3/4" pony rod

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC

STROKE LENGTH: 84"

PUMP SPEED, SPM: 5 SPM

LOGS: DIGL/GR/CAL (6006'-306')

DSN/SDL/GR (5978'-3000')

FRAC JOB

1-17-98 5770'-5848'

Frac CP sand as follows:

120,300# of 20/40 sd in 564 bbls Delta Frac. Treated @ avg rate 28 bpm, avg press 3300 psi. Breakdown @ 3137 psi. ISIP-3884 psi, 5-min 2285 psi. Flowback for 4 hrs &amp; died.

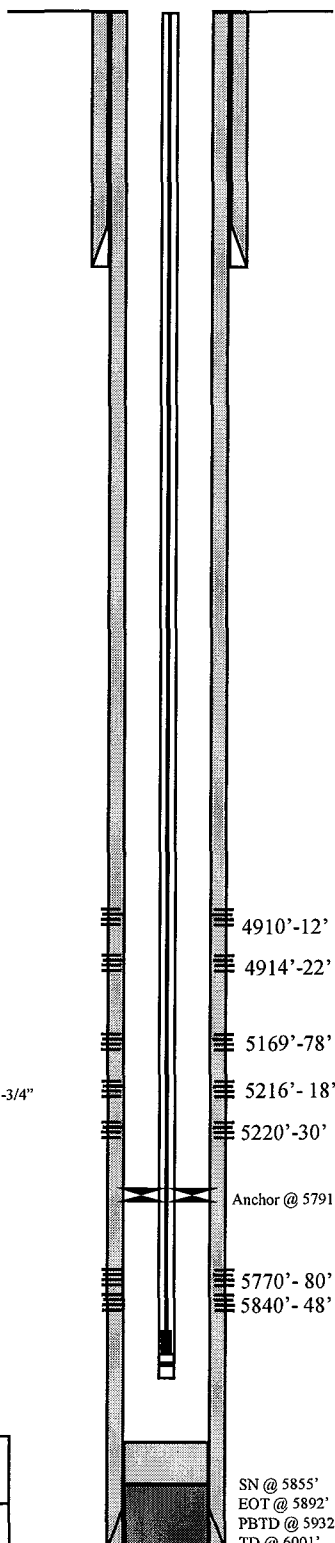
1-20-98 5169'-5230'

Frac B sand as follows: 130,200# of 20/40 sd in 609 bbls Delta Frac. Breakdown @ 2480 psi. Treated @ avg rate of 28.4 BPM, avg press 1650 psi. ISIP-2056 psi, 5-min 1750 psi. Flowback on 12/64" ck for 2-1/2 hrs & died.

1-22-98 4910'-4922'

Frac D sand as follows:

120,300# 20/40 sand in 568 bbls Delta Frac. Breakdown @ 3940 psi. Treated w/avg press of 2400 psi w/avg rate of 26.5 BPM. ISIP - 3065 psi, 5 min 2753 psi. Flowback on 12/64" ck for 3-1/2 hrs &amp; died.

PERFORATION RECORD

1-17-98	5770'-5780'	4 JSPF	40 holes
1-17-98	5840'-5848'	4 JSPF	32 holes
1-20-98	5169'-5178'	4 JSPF	36 holes
1-20-98	5216'-5218'	4 JSPF	8 holes
1-20-98	5220'-5230'	4 JSPF	40 holes
1-22-98	4910'-4912'	4 JSPF	8 holes
1-22-98	4914'-4922'	4 JSPF	32 holes



Inland Resources Inc.

Nine Mile #4-6-9-16

660 FNL 583 FWL

NWNW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31952; Lease #UTU-74390

SN @ 5855'  
EOT @ 5892'  
PBTD @ 5932'  
TD @ 6001'

## Nine Mile #6-6

Spud Date: 11/6/97

Put on Production: 12/17/97

GL: 5841' KB: 5854'

Initial Production: 75 BOPD,  
74 MCFPD, 36 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 311.79'

DEPTH LANDED: 324.70'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Premium cmt, est 1 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 137 jts. (5909.273')

DEPTH LANDED: 5920.77'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sxs Hibond mixed &amp; 350 sxs thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 188 jts

TUBING ANCHOR: 5431'

TOTAL STRING LENGTH: ?

SN LANDED AT: 5494'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-1 1/2" wt rods; 4-3/4" scraped; 115-3/4" plain; 95-3/4" scraped; 1-8", 1-4", 1-2"x3/4" pony rods

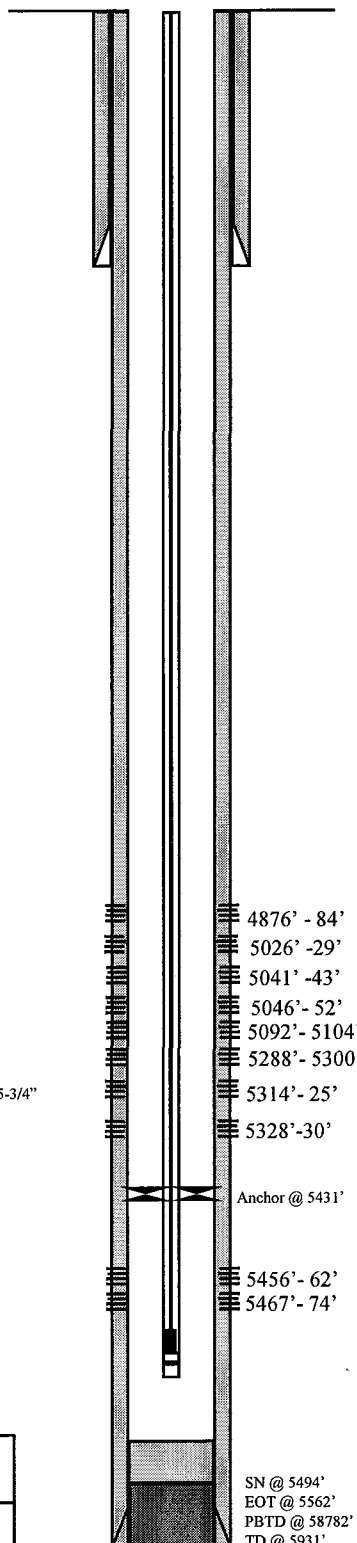
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC

STROKE LENGTH: 72"

PUMP SPEED, SPM: 6 SPM

LOGS: DIGL/SP/GR/CAL (5920'-323')

DSN/SDL/GR (5894'-3000')

FRAC JOB

12/7/97	5456'-5474'	<b>Frac LDC sand as follows:</b> 121,300# of 20/40 sd in 573 bbls Delta Frac. Treated @ avg rate 29 bpm, avg press 2600 psi. Breakdown @ 2627 psi. ISIP-2836 psi, 5-min 2720 psi. Flowback for 4 hrs & died.
12/10/97	5288'-5330'	<b>Frac A sand as follows:</b> 130,300# of 20/40 sd in 622 bbls Boragel. Breakdown @ 2160 psi. Treated @ avg rate of 31 BPM, avg press 1950 psi. ISIP- 2462 psi, 5-min 2145 psi. Flowback on 12/64" ck for 2-1/2 hrs & died.
12/12/97	5026'-5104'	<b>Frac C/B sands as follows:</b> 114,300# 20/40 sand in 549 bbls Delta Frac. Breakdown @ 2220 psi. Treated w/avg press of 1880 psi w/avg rate of 28.1 BPM. ISIP - 2974 psi, 5 min 2670 psi. Flowback on 12/64" ck for 3 hrs & died.
12/14/97	4876'-4884'	<b>Frac D sand as follows:</b> 114,300# 20/40 sand in 520 bbls of Delta Frac. Breakdown @ 3516 psi. Treated @ avg press of 2046 psi w/avg rate of 26.2 BPM. ISIP-2550 psi, 5 min 2350 psi. Flowback on 12/64" ck for 3 hrs & died.

PERFORATION RECORD

12/6/97	5456'-5462'	4 JSPF	24 holes
12/6/97	5467'-5474'	4 JSPF	28 holes
12/9/97	5288'-5300'	4 JSPF	48 holes
12/9/97	5314'-5325'	4 JSPF	44 holes
12/9/97	5328'-5330'	4 JSPF	8 holes
12/11/97	5026'-5029'	4 JSPF	48 holes
12/11/97	5041'-5043'	4 JSPF	8 holes
12/11/97	5046'-5052'	4 JSPF	24 holes
12/11/97	5092'-5104'	4 JSPF	48 holes
12/13/97	4876'-4884'	4 JSPF	32 holes



Inland Resources Inc.

Nine Mile #6-6

2011 FNL 1869 FWL

SENW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31719; Lease #UTU-74390

SN @ 5494'  
EOT @ 5562'  
PBTD @ 58782'  
TD @ 5931'

## Nine Mile #11-6

Spud Date: 10/23/97

Put on Production: 12/17/97

GL: 5889' KB: 5901'

Initial Production: 57 BOPD,  
89 MCFPD, 9 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 293'

DEPTH LANDED: 294' GL

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sks Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 141 jts. (6024')

DEPTH LANDED: 6036'

HOLE SIZE: 7-7/8"

CEMENT DATA: 360 sks Hibond mixed &amp; 325 sks thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 183 jts

TUBING ANCHOR: 5716'

TOTAL STRING LENGTH: ?

SN LANDED AT: 5781'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-11/2" wt rods; 4-3/4" scraped; 115-3/4" plain; 96-3/4" scraped; 1-2' x 3/4" pony rod

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC

STROKE LENGTH: 74"

PUMP SPEED, SPM: 8 SPM

LOGS: DIGL/SP/GR/CAL (6048'-306')

DSN/SDL/GR (6010'-306')

FRAC JOB

12/7/97	5754'-5760'	<b>Frac CP sand as follows:</b> 95,300# of 20/40 sd in 513 bbls Delta Frac. Treated @ avg rate 26.2 bpm, avg press 2250 psi. Breakdown @ 3652 psi. ISIP-2393 psi, 5-min 2117 psi. Flowback for 3-1/2 hrs & died.
12/10/97	5533'-5558'	<b>Frac LDC sand as follows:</b> 104,300# of 20/40 sd in 543 bbls Boragel. Breakdown @ 2800 psi. Treated @ avg rate of 27.9 BPM, avg press 2650 psi. ISIP-3293 psi, 5-min 2374 psi. Flowback on 12/64" ck for 4 hrs & died.
12/12/97	5277'-5424'	<b>Frac A sand as follows:</b> 127,000# 20/40 sand in 618 bbls Delta Frac. Breakdown @ 2252 psi. Treated w/avg press of 1700 psi w/avg rate of 35 BPM. ISIP - 2235 psi, 5 min 1936 psi. Flowback on 12/64" ck for 3 hrs & died.
12/14/97	5119'-5122'	<b>Frac B sand as follows:</b> 88,300# 20/40 sand in 471 bbls of Delta Frac. Breakdown @ 3202 psi. Treated @ avg press of 2550 psi w/avg rate of 25.4 BPM. ISIP-2772 psi, 5 min 1930 psi. Flowback on 12/64" ck for 2-1/2 hrs & died.

PERFORATION RECORD

12/6/97	5754'-5760'	4 JSPF	24 holes
12/9/97	5533'-5558'	4 JSPF	100 holes
12/11/97	5277'-5279'	4 JSPF	8 holes
12/11/97	5286'-5288'	4 JSPF	8 holes
12/11/97	5292'-5296'	4 JSPF	16 holes
12/11/97	5307'-5314'	4 JSPF	28 holes
12/11/97	5408'-5412'	4 JSPF	16 holes
12/11/97	5416'-5424'	4 JSPF	32 holes
12/13/97	5119'-5122'	4 JSPF	12 holes



SN @ 5781'  
EOT @ 5850'  
PBTD @ 5992'  
TD @ 6050'



Inland Resources Inc.

Nine Mile #11-6

1938 FSL 1756 FWL

NESW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31812; Lease #UTU-74390

## North Ashley #1-1

Spud Date: 6/26/97  
Put on Production: 8/02/97  
GL: 5851' KB: 5861'

Initial Production: 90  
BOPD, 85 MCFPD, 8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. 302.74'  
DEPTH LANDED: 312.41' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 180 sxs Premium cmt, est 16 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts. (5964.87')  
DEPTH LANDED: 5975.87' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Hibond mixed & 340 sxs thixotropic  
CEMENT TOP AT: 1050' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#  
NO. OF JOINTS: 180 jts  
TUBING ANCHOR: 5675'  
SEATING NIPPLE: 2 - 7/8" (1.10')  
TOTAL STRING LENGTH: ? (EOT @ 5843')  
SN LANDED AT: 5772'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 98-3/4" scraped, 4-1-1/2" guided rods, 127-3/4" slick rods,  
PUMP SIZE: 2-1/2" x 1-1/2" x 16 RHAC rod pump  
STROKE LENGTH: 64"  
PUMP SPEED, SPM: 7 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

7/18/97 5824'-5896' **Frac CP sand as follows:**  
95,900# of 20/40 sand in 531 bbls of Boragel. Breakdown @ 1630 psi.  
Treated @ avg rate of 30.5 bpm w/avg press of 2630 psi. ISIP-2685 psi, 5-min 2260 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

7/22/97 5025'-5157' **Frac C/B sand as follows:**  
122,700# of 20/40 sand in 6137 bbls of Boragel. Breakdown @ 2330 psi.  
Treated @ avg rate of 25.5 bpm w/avg press of 2200 psi. ISIP-2723 psi, 5-min 2576 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

7/24/97 4866'-4877' **Frac D sand as follows:**  
82,300# of 20/40 sand in 416 bbls of Boragel. Breakdown @ 3339 psi.  
Treated @ avg rate of 25.8 bpm w/avg press of 6420 psi. ISIP-4806 psi, 5-min 4549 psi. Flowback on 12/64" ck for 10 minutes and died.

PERFORATION RECORD

7/19/97	5888'-5896'	4 JSPF	32 holes
7/19/97	5878'-5884'	4 JSPF	24 holes
7/19/97	5824'-5831'	4 JSPF	28 holes
7/22/97	5169'-5172'	4 JSPF	12 holes
7/22/97	5144'-5157'	4 JSPF	20 holes
7/22/97	5043'-5045'	4 JSPF	8 holes
7/22/97	5025'-5040'	4 JSPF	32 holes
7/24/97	4866'-4877'	4 JSPF	44 holes

Cement Top 1050'

4866'-77'

5025'-40'

5043'-45'

5144'-57'

5169'-72'

Anchor @ 5675'

5824'-31'

5878'-84'

5888'-96'

SN @ 5772'  
EOT @ 5843'  
Sand Top @ 4866'  
PBTB @ 5924'  
TD @ 5980'



Inland Resources Inc.

North Ashley #1-1

533 FNL 516 FEL

NENE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31787; Lease #U-74826

## N. Ashley Federal #8-1

Spud Date: 5/19/97  
Put on Production: 7/16/97  
GL: 5888' KB: ?

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (294.64')  
DEPTH LANDED: 294.64' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 146 jts. (6227.54')  
DEPTH LANDED: 6223' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 380 sxs Hibond mixed & 370 sxs thixotropic  
CEMENT TOP AT:

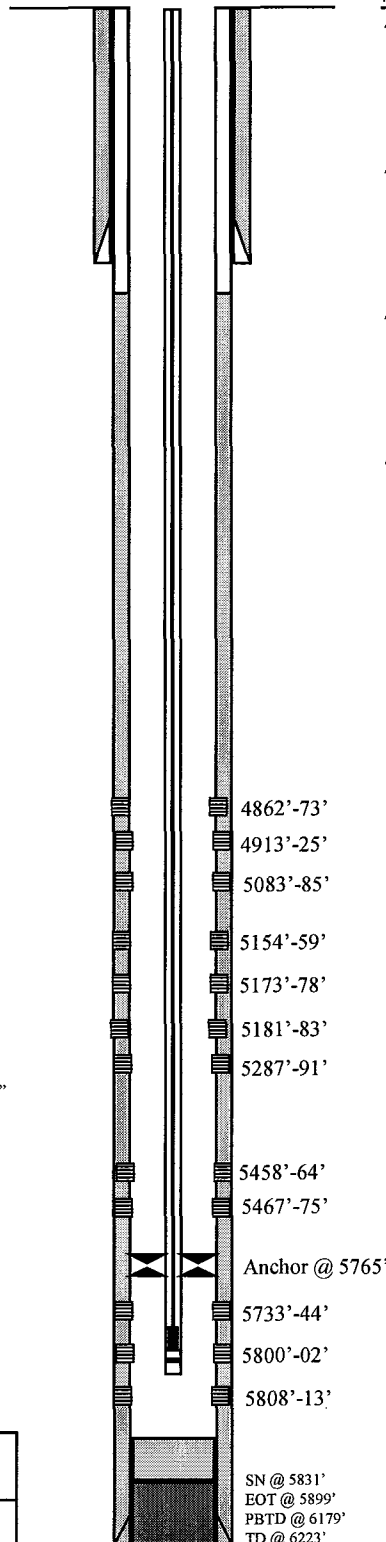
TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#  
NO. OF JOINTS: 184 jts  
TUBING ANCHOR: 5765'  
SEATING NIPPLE: 2 - 7/8" (1.10')  
TOTAL STRING LENGTH: ? (EOT @ 5622')  
SN LANDED AT: 5831'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 4-1" scraped; 5-7/8" plain, 124-3/4" plain, 99-3/4" scraped, 1-8", 1-2" x 3/4" pony  
PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump  
STROKE LENGTH: 66"  
PUMP SPEED, SPM: 9.5 SPM  
LOGS: DIFL/SP/GR/CAL (6223'-302')  
CNL/CDL/GR/CAL (6190'-3000')

Wellbore Diagram



Initial Production: 163 BOPD,  
246 MCFPD, 8 BWPD

FRAC JOB

7-3-97 5733'-5813' **Frac CP sand as follows:**  
109,700# of 20/40 sand in 548 bbls of Boragel. Breakdown @ 3009 psi.  
Treated @ avg rate of 28.3 bpm w/avg press of 1650 psi. ISIP-2230 psi, 5-min 2025 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

7-8-97 5458'-5475' **Frac A sand as follows:**  
122,700# of 20/40 sand in 598 bbls of Boragel. Breakdown @ 3326 psi.  
Treated @ avg rate of 32.4 bpm w/avg press of 2360 psi. ISIP-2870 psi, 5-min 2510 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

7-10-97 5083'-5291' **Frac B/B/A sands as follows:**  
129,300# of 20/40 sand in 666 bbls of Boragel. Breakdown @ 2494 psi.  
Treated @ avg rate of 35 bpm w/avg press of 2100 psi. ISIP-2124 psi, 5-min 1995 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

7-12-97 4862'-4925' **Frac D sand as follows:**  
110,500# of 20/40 sand in 556 bbls of Boragel. Breakdown @ 2953 psi.  
Treated @ avg rate of 34 BPM w/avg press of 2800 psi. ISIP-3581 psi, 5 min 3467 psi. Flowback on 12/64" ck for 3 hrs & died.

PERFORATION RECORD

Date	Interval	Tool	Holes
7/02/97	5733'-5744'	4 JSPF	44 holes
7/02/97	5800'-5802'	4 JSPF	8 holes
7/02/97	5808'-5813'	4 JSPF	20 holes
7/04/97	5458'-5464'	4 JSPF	24 holes
7/04/97	5467'-5475'	4 JSPF	32 holes
7/09/97	5287'-5291'	4 JSPF	16 holes
7/09/97	5181'-5183'	4 JSPF	8 holes
7/09/97	5173'-5178'	4 JSPF	20 holes
7/09/97	5154'-5159'	4 JSPF	20 holes
7/09/97	5083'-5085'	4 JSPF	8 holes
7/11/97	4913'-4925'	4 JSPF	48 holes
7/11/97	4862'-4873'	4 JSPF	44 holes



Inland Resources Inc.

N. Ashley Federal #8-1

1980 FNL 660 FEL

SENE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31809; Lease #U-74826

## Ashley Federal #9-1

Spud Date: 5/22/97  
Put on Production: 7/14/97  
GL: 5918' KB: 5930'

Initial Production: NA  
BOPD, NA MCFPD, NA

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (304.11')  
DEPTH LANDED: 303.17' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 141 jts. (5955.69')  
DEPTH LANDED: 5945' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 355 sxs Hibond mixed & 320 sxs thixotropic  
CEMENT TOP AT: 460' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#  
NO. OF JOINTS: 172 jts  
TUBING ANCHOR: 5427'  
SEATING NIPPLE: 2 - 7/8" (1.10')  
TOTAL STRING LENGTH: ? (EOT @ 5622')  
SN LANDED AT: 5554'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 98-3/4" scraped, 4-1-1/2" guided rods, 114-3/4" plain rods,  
PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 9 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

7/02/97 5494'-5531' **Frac A/LDC sand as follows:**  
124,600# of 20/40 sand in 610 bbls of Boragel. Breakdown @ 2792psi.  
Treated @ avg rate of 32 bpm w/avg press of 2100 psi. ISIP-2361 psi, 5-min 2253 psi. Flowback on 12/64" ck for 5 - 1/2 hours and died.

7/04/97 5110'-5166' **Frac B sand as follows:**  
108,900# of 20/40 sand in 534 bbls of Boragel. Breakdown @ 2150 psi.  
Treated @ avg rate of 28 bpm w/avg press of 1900 psi. ISIP-2268 psi, 5-min 2169 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

7/09/97 4834'-4841' **Frac D sand as follows:**  
94,000# of 20/40 sand in 487 bbls of Boragel. Breakdown @ 3307 psi.  
Treated @ avg rate of 24 bpm w/avg press of 2350 psi. ISIP-2635 psi, 5-min 2551 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

Cement Top 460'

4834'-41'

5110'-14'  
5143'-52'  
5154'-57'  
5163'-66'

PERFORATION RECORD

7/02/97	5527'-5531'	4 JSPF	16 holes
7/02/97	5520'-5525'	4 JSPF	20 holes
7/02/97	5510'-5514'	4 JSPF	16 holes
7/02/97	5494'-5503'	4 JSPF	36 holes
7/02/97	5415'-5420'	4 JSPF	20 holes
7/04/97	5163'-5166'	4 JSPF	12 holes
7/04/97	5154'-5157'	4 JSPF	12 holes
7/04/97	5143'-5152'	4 JSPF	36 holes
7/04/97	5110'-5114'	4 JSPF	16 holes
7/09/97	4834'-4841'	4 JSPF	28 holes

5415'-20'

Anchor @ 5427'

5494'-5503'  
5510'-14'  
5520'-25'  
5527'-31'

SN @ 5554'  
EOT @ 5622'  
Sand Top @ 4834'  
PBTB @ 5914'  
TD @ 5948'



Inland Resources Inc.

Ashley Federal #9-1

1980 FNL 660 FEL

NENE Section 1-T9S-R15E

Duchesne Co, Utah

API #43-013-31859; Lease #U-74826

**UNICHEM**

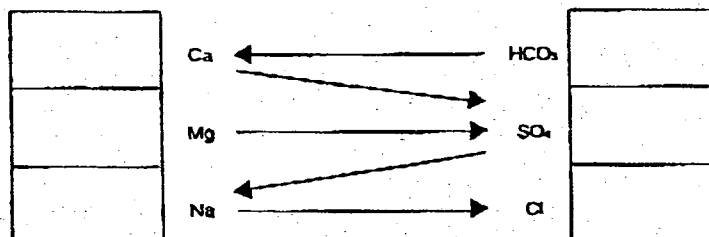
A Division of BJ Services

P.O. Box 217  
Roosevelt, Utah 84066Office (801) 722-5066  
Fax (801) 722-5727**WATER ANALYSIS REPORT**

Company INLAND Address \_\_\_\_\_ Date 01-14-98  
 Source Johnson Water  
FRESH WATER Date Sampled \_\_\_\_\_ Analysis No. \_\_\_\_\_

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.0</u>		
2. H <sub>2</sub> S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>593</u>	
5. Alkalinity (CaCO <sub>3</sub> )		CO <sub>3</sub> <u>0</u> ÷ 30 <u>0</u> CO <sub>3</sub>	
6. Bicarbonate (HCO <sub>3</sub> )		HCO <sub>3</sub> <u>300</u> ÷ 61 <u>5</u> HCO <sub>3</sub>	
7. Hydroxyl (OH)		OH <u>0</u> ÷ 17 <u>0</u> OH	
8. Chlorides (Cl)		Cl <u>35</u> ÷ 35.5 <u>1</u> Cl	
9. Sulfates (SO <sub>4</sub> )		SO <sub>4</sub> <u>110</u> ÷ 48 <u>2</u> SO <sub>4</sub>	
10. Calcium (Ca)		Ca <u>44</u> ÷ 20 <u>2</u> Ca	
11. Magnesium (Mg)		MG <u>22</u> ÷ 12.2 <u>2</u> Mg	
12. Total Hardness (CaCO <sub>3</sub> )		<u>200</u>	
13. Total Iron (Fe)		<u>2.2</u>	
14. Manganese			
15. Phosphate Residuals			

\*Milli equivalents per liter

**PROBABLE MINERAL COMPOSITION****Saturation Values**CaCO<sub>3</sub>CaSO<sub>4</sub> · 2H<sub>2</sub>OMgCO<sub>3</sub>**Distilled Water 20°C**

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04	<u>2</u>			<u>162</u>
CaSO <sub>4</sub>	68.07				
CaCl <sub>2</sub>	55.50				
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17	<u>2</u>			<u>146</u>
MgSO <sub>4</sub>	60.19				
MgCl <sub>2</sub>	47.62				
NaHCO <sub>3</sub>	84.00	<u>1</u>			<u>84</u>
Na <sub>2</sub> SO <sub>4</sub>	71.03	<u>2</u>			<u>142</u>
NaCl	58.46	<u>1</u>			<u>59</u>

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**UNICHEM**

A Division of BJ Services

P.O. Box 217  
Roosevelt, Utah 84066Office (435) 722-5066  
Fax (435) 722-5727

Attachment F-1

**WATER ANALYSIS REPORT**Company Inland Address \_\_\_\_\_ Date 3-5-98Source 9 Mile 5-6 Date Sampled \_\_\_\_\_ Analysis No. \_\_\_\_\_**Analysis****mg/l(ppm)****\*Meg/l**

1. PH	<u>8.0</u>		
2. H <sub>2</sub> S (Qualitative)	<u>.5</u>		
3. Specific Gravity	<u>1.014</u>		
4. Dissolved Solids		<u>14,519</u>	
5. Alkalinity (CaCO <sub>3</sub> )		CO <sub>3</sub> <u>0</u>	÷ 30 <u>0</u> CO <sub>3</sub>
6. Bicarbonate (HCO <sub>3</sub> )		HCO <sub>3</sub> <u>1,200</u>	÷ 61 <u>20</u> HCO <sub>3</sub>
7. Hydroxyl (OH)		OH <u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>7,800</u>	÷ 35.5 <u>220</u> Cl
9. Sulfates (SO <sub>4</sub> )		SO <sub>4</sub> <u>0</u>	÷ 48 <u>0</u> SO <sub>4</sub>
10. Calcium (Ca)		Ca <u>64</u>	÷ 20 <u>3</u> Ca
11. Magnesium (Mg)		Mg <u>4</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO <sub>3</sub> )		<u>180</u>	
13. Total Iron (Fe)		<u>1.2</u>	
14. Manganese			
15. Phosphate Residuals			

\*Milli equivalents per liter

**PROBABLE MINERAL COMPOSITION**

<b>3</b>	Ca	←	HCO <sub>3</sub>	<b>20</b>
<b>0</b>	Mg	→	SO <sub>4</sub>	<b>0</b>
<b>237</b>	Na	→	Cl	<b>220</b>

**Saturation Values**CaCO<sub>3</sub>CaSO<sub>4</sub> · 2H<sub>2</sub>OMgCO<sub>3</sub>**Distilled Water 20°C**

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Equlv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04		<b>3</b>		<b>243</b>
CaSO <sub>4</sub>	68.07				
CaCl <sub>2</sub>	55.50				
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17				
MgSO <sub>4</sub>	60.19				
MgCl <sub>2</sub>	47.62				
NaHCO <sub>3</sub>	84.00		<b>17</b>		<b>1,428</b>
Na <sub>2</sub> SO <sub>4</sub>	71.03				
NaCl	58.46		<b>220</b>		<b>12,861</b>

REMARKS \_\_\_\_\_



## AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND  
 LOCATION:  
 SYSTEM:

03-06-98

WATER DESCRIPTION:	JOHNSON WATER	9 MILE 5-6
P-ALK AS PPM CaCO <sub>3</sub>	0	0
M-ALK AS PPM CaCO <sub>3</sub>	492	1968
SULFATE AS PPM SO <sub>4</sub>	110	0
CHLORIDE AS PPM Cl	35	7800
HARDNESS AS PPM CaCO <sub>3</sub>	0	0
CALCIUM AS PPM CaCO <sub>3</sub>	110	160
MAGNESIUM AS PPM CaCO <sub>3</sub>	90	16
SODIUM AS PPM Na	92	5451
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	14519
TEMP (DEG-F)	150	150
SYSTEM pH	7	8

WATER COMPATIBILITY CALCULATIONS  
 JOHNSON WATER AND 9 MILE 5-6  
 CONDITIONS: TEMP.=150 AND pH=7.5  
 WATER ONE IS JOHNSON WATER

% OF WATER # 1	STIFF DAVIS CaCO <sub>3</sub> INDEX	lbs/1000 BBL EXCESS CaCO <sub>3</sub>	mg/l BaSO <sub>4</sub> IN EXCESS OF SATURATION	mg/l SrO <sub>4</sub> IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	.83	31	0	0	0
90	.91	34	0	0	0
80	.97	36	0	0	0
70	1.02	38	0	0	0
60	1.05	40	0	0	0
50	1.07	42	0	0	0
40	1.09	44	0	0	0
30	1.10	46	0	0	0
20	1.11	48	0	0	0
10	1.12	49	0	0	0
0	1.14	51	0	0	0

Attachment G

**Nine Mile #5-6-9-16**  
**Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5751	5759	5755	2268	0.83	2271
5338	5372	5355	2822	0.96	2802
5103	5208	5156	3165	1.05	3138
4933	5046	4990	2893	1.01	2836
				Minimum	2271

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$$

where pressure gradient for the fresh water is .433 psi/ft and  
specific gravity of the injected water is 1.005.

Frac Gradient is obtained from the service company's frac summary report.



## DAILY COMPLETION REPORT

WELL NAME Nine Mile 5-6 Report Date 1/6/98 Completion Day 3  
Present Operation Perf A sds Rig Flint #6

## WELL STATUS

Surf Csg: 8-5/8 @ 304' KB Liner @ Prod Csg 5-1/2 @ 5938 Csg PBDT 5890  
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBDT:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP	5751-53'	4/8			
CP	5755-59'	4/16			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/5/98 SITP: 0 SICP: 0  
IFL @ 5700'. Make 1 dry swab run. TOH w/tbg. NU isolation tool. RU Halliburton & frac CP sds w/95,300# 20/40 sd in 509 bbls Delta Frac. Perfs broke dn @ 3129 psi. Treated @ ave press of 2000 psi w/ave rate of 28.3 BPM. ISIP: 2268 psi, 5 min: 1884 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 160 BTF (est 31% of load). SIFN w/est 349 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	509	Starting oil rec to date	0
Fluid lost/recovered today	160	Oil lost/recovered today	0
Ending fluid to be recovered	349	Cum oil recovered	0
IFL <u>5700</u> FFL <u>5700</u> FTP		Choke <u>12/64</u> Final Fluid Rate	Final oil cut

## STIMULATION DETAIL

Base Fluid used: Delta Frac Job Type: Sand Frac  
Company: Halliburton  
Procedure:   
3000 gal of pad  
1000 gal w/1-6 ppg of 20/40 sd  
8000 gal w/6-8 ppg of 20/40 sd  
3718 gal w/8-10 ppg of 20/40 sd  
Flush w/5662 gal of 10# Linear gel.

## COSTS

Flint rig	934
BOP	135
Tanks	45
Wtr	750
Frac	20,624
Flowback - super	160
Trucking	280
IPC Supervision	200

Max TP 3129 Max Rate 28.6 Total fluid pmpd: 509 bbls  
Avg TP 2000 Avg Rate 28.3 Total Prop pmpd: 95,300#  
ISIP 2268 5 min 1884 10 min  15 min   
Completion Supervisor: Gary Dietz

DAILY COST: \$23,128  
TOTAL WELL COST: \$202,399



## DAILY COMPLETION REPORT

WELL NAME Nine Mile 5-6 Report Date 1/9/98 Completion Day 5  
Present Operation Perf B sds. Rig Flint #6

## WELL STATUS

Surf Csg: 8-5/8 @ 304' KB Liner @ Prod Csg 5-1/2 @ 5938 Csg PBTD 5890  
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP Sand PBTD: 5420

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A	5338-40'	4/8	CP	5755-59'	4/16
A	5342-52'	4/40			
A	5369-72'	4/12			
CP	5751-53'	4/8			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/8/98 SITP: 50 SICP: 50  
Bleed gas off well. IFL @ 2200'. Made 3 swb runs, rec 14 BTF (est 10 BW, 4 BO). FL stayed @ 2200'. 60% oil cut w/good gas. TOH w/tbg. NU isolation tool. RU Halliburton & frac A sds w/105,400# 20/40 sd in 538 bbls Delta Frac. Perfs broke dn @ 2051 psi. Treated @ ave press of 2000 psi w/ave rate of 35.2 BPM. ISIP: 2822 psi, 5 min: 2577 psi. Flowback on 12/64 choke for 2-1/2 hrs & died. Rec 105 BTF (est 20% of load). SIFN w/est 657 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	234	Starting oil rec to date	0
Fluid lost/recovered today	423	Oil lost/recovered today	4
Ending fluid to be recovered	657	Cum oil recovered	4
IFL <u>2200</u> FFL <u>2200</u> FTP		Choke <u>12/64</u> Final Fluid Rate	Final oil cut <u>60%</u>

## STIMULATION DETAIL

Base Fluid used: Delta Frac Job Type: Sand Frac  
Company: Halliburton  
Procedure: 3500 gal of pad  
1000 gal w/1-6 ppg of 20/40 sd  
8000 gal w/6-8 ppg of 20/40 sd  
4000 gal w/8-10 ppg of 20/40 sd  
799 gal w/10 ppg of 20/40 sd  
Flush w/5294 gal of 10# Linear gel.

## COSTS

Flint rig	1,255
BOP	135
Tanks	30
Wtr	700
Frac	23,583
Flowback super	100
IPC Supervision	200

Max TP 3181 Max Rate 36.1 Total fluid pmpd: 538 bbls  
Avg TP 2000 Avg Rate 35.2 Total Prop pmpd: 105,400#  
ISIP 2822 5 min 2577 10 min 15 min  
Completion Supervisor: Gary Dietz

DAILY COST: \$26,003  
TOTAL WELL COST: \$233,301



## DAILY COMPLETION REPORT

WELL NAME Nine Mile 5-6 Report Date 1/11/98 Completion Day 7  
Present Operation Perf D/C sds. Rig Flint #6

## WELL STATUS

Surf Csg: 8-5/8 @ 304' KB Liner @ Prod Csg 5-1/2 @ 5938 Csg PBTD 5890  
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP Sand PBTD: 5275

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
B	5103-06'	4/12	A	5338-40'	4/8
B	5118-23'	4/20	A	5342-52'	4/40
B	5136-45'	4/36	A	5369-72'	4/12
B	5147-56'	4/36	CP	5755-59'	4/16
B	5204-08'	4/16	CP	5751-53'	4/8

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/10/98 SITP: 25 SICP: 100

Bleed gas off well. IFL @ 3200'. Made 3 swab runs, rec 33 BTF (est 20 BW, 13 BO). FOC @ 30%. FFL @ 3200'. TOH w/tbg. NU isolation tool. RU Halliburton & frac B sds w/124,300# 20/40 sd in 580 bbls Delta Frac. Perfs broke back @ 1712 psi @ 9-1/2 BPM. Treated @ ave press of 1600 psi w/ave rate of 35.2 BPM. ISIP: 3165 psi, 5 min: 2712 psi. Flowback on 12/64 choke for 3 hrs & died. Rec 100 BTF (est 17% of load). SIFN w/est 1004 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	544	Starting oil rec to date	4
Fluid lost/recovered today	460	Oil lost/recovered today	13
Ending fluid to be recovered	1004	Cum oil recovered	17
IFL 3200 FFL 3200 FTP		Choke 12/64 Final Fluid Rate	Final oil cut 30%

## STIMULATION DETAIL

Base Fluid used: Delta Frac Job Type: Sand Frac  
Company: Halliburton  
Procedure:  
3500 gal of pad.  
1000 gal w/1-6 ppg of 20/40 sd  
8000 gal w/6-8 ppg of 20/40 sd  
5000 gal w/8-10 ppg of 20/40 sd  
1836 gal w/10 ppg of 20/40 sd  
Flush w/5029 gal of 10# Linear gel.

## COSTS

Flint rig	1,063
BOP	135
Tanks	30
Wtr	750
Frac	25,504
Flowback - super	120
IPC Supervision	200

Max TP	3498	Max Rate	37.3	Total fluid pmpd:	580 bbls
Avg TP	1600	Avg Rate	35.2	Total Prop pmpd:	124,300#
ISIP	3165	5 min	2712	10 min	15 min

DAILY COST: \$27,802



## DAILY COMPLETION REPORT

WELL NAME Nine Mile 5-6 Report Date 1/14/98 Completion Day 9  
Present Operation Pull plug. CO PBTD. Swab well. Rig Flint #6

## WELL STATUS

Surf Csg: 8-5/8 @ 304' KB Liner @ Prod Csg 5-1/2 @ 5938 Csg PBTD 5890  
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP Sand PBTD: 5080

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D/C	4933-44'	4/44	B	5204-08'	4/16
D/C	4997-5005'	4/32	A	5338-40'	4/8
D/C	5039-46'	4/28	A	5342-52'	4/40
B	5103-06'	4/12	A	5369-72'	4/12
B	5118-23'	4/20	CP	5755-59'	4/16
B	5136-45'	4/36	CP	5751-53'	4/8
B	5147-56'	4/36			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/13/98 SITP: 0 SICP: 0

TIH w/tbg & pkr f/4727' to 4905'. IFL @ sfc. Swabbed FL dn to 3000'. Maintained FL & oil cut rising. Rec 97 BTF. TOH w/tbg. LD pkr. NU isolation tool. RU Halliburton & frac D/C sds w/131,300# 20/40 sd in 597 bbls Delta Frac. Perfs broke back @ 1358 psi @ 6 BPM. 2nd break @ 2156 psi @ 33 BPM. Treated @ ave press of 1900 psi w/ave rate of 35.3 BPM. ISIP: 2893 psi, 5 min: 2551 psi. Flowback on 12/64 choke for 3 hrs & died. Rec 110 BTF (est 18% of load). SIFN w/est 1430 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	1040	Starting oil rec to date	17
Fluid lost/recovered today	390	Oil lost/recovered today	0
Ending fluid to be recovered	1430	Cum oil recovered	17
IFL Sfc FFL 3000 FTP		Choke 12/64 Final Fluid Rate	
		Final oil cut	Tr.

## STIMULATION DETAIL

Base Fluid used: Delta Frac Job Type: Sand Frac  
Company: Halliburton  
Procedure: \_\_\_\_\_  
3500 gal of pad  
1000 gal w/1-6 ppg of 20/40 sd  
9000 gal w/6-8 ppg of 20/40 sd  
5000 gal w/8-10 ppg of 20/40 sd  
1765 gal w/10 ppg of 20/40 sd  
Flush w/4795 gal of 10# Linear gel

## COSTS

Flint rig	1,063
BOP	135
Tanks	30
Wtr	750
Frac	26,125
Flowback - super	120
IPC Supervision	200

Max TP	3140	Max Rate	36.3	Total fluid pmpd:	597 bbls
Avg TP	1900	Avg Rate	35.3	Total Prop pmpd:	131,300#
ISIP	2893	5 min	2551	10 min	15 min

DAILY COST: \$28,423

## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1.     **Plug #1**            **Set 158' plug from 5651'-5809' with 30 sxs Class "G" cement.**
2.     **Plug #2**            **Set 589' plug from 4833'-5422' with 75 sxs Class "G" cement.**
3.     **Plug #3**            **Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.**
4.     **Plug #4**            **Set 100' plug from 242'-342' (50' on either side of casing shoe) with 15 sxs Class "G" cement.**
5.     **Plug #5**            **Set 50' plug from surface with 10 sxs Class "G" cement.**
6.                        **Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 292' to surface.**

**The approximate cost to plug and abandon this well is \$18,000.**

## Nine Mile #5-6

Spud Date: 12/7/97

Put on Production: 1/7/98

GL: 5882' KB: 5894'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 291'

DEPTH LANDED: 292'

HOLE SIZE: 12-1/4"

CEMENT DATA: 140 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 140 jts. (5925')

DEPTH LANDED: 5937'

HOLE SIZE: 7-7/8"

CEMENT DATA: 390 sxs Hibond mixed &amp; 375 sxs thixotropic

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.:

NO. OF JOINTS:

TUBING ANCHOR:

TOTAL STRING LENGTH:

SN LANDED AT:

SUCKER RODS

POLISHED ROD:

SUCKER RODS:

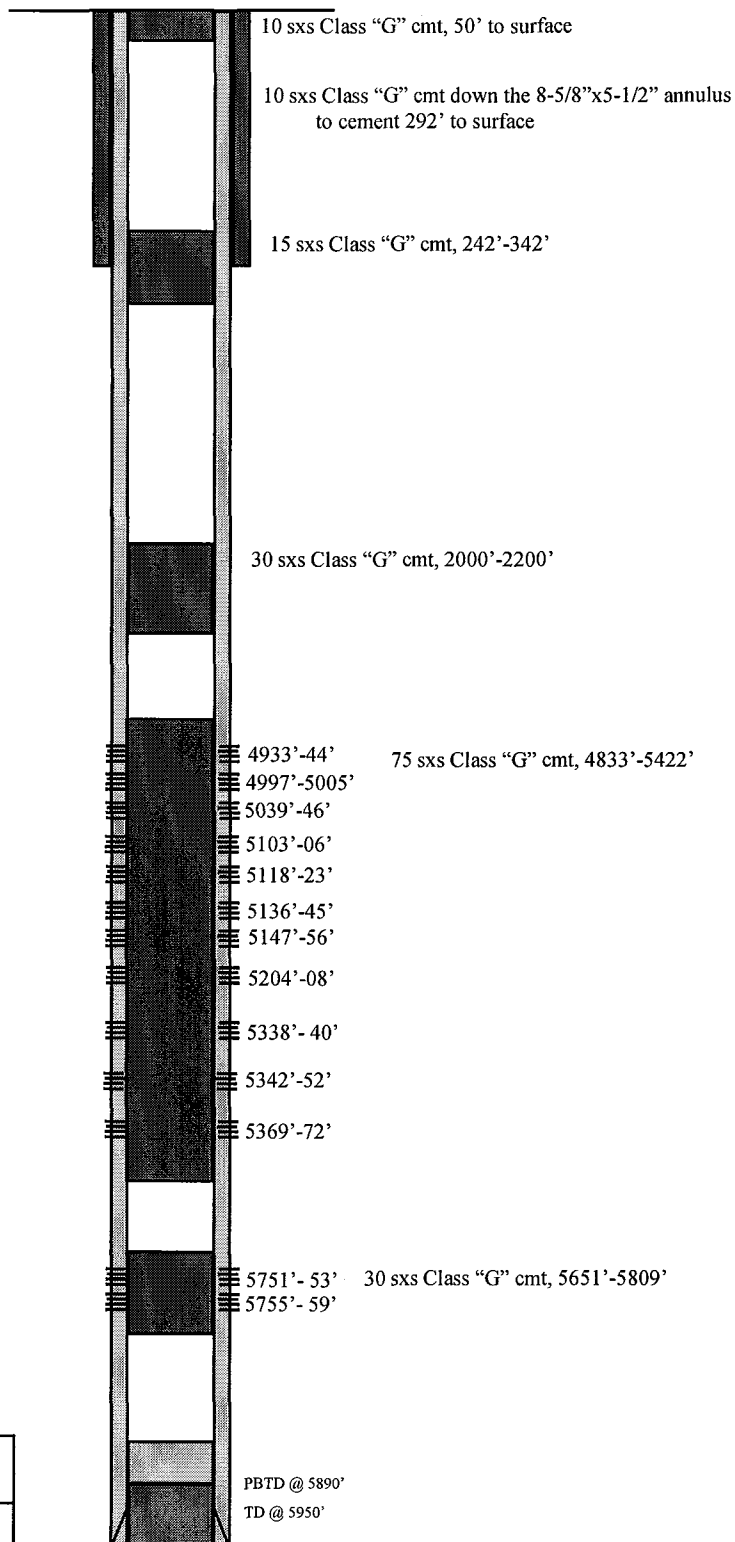
PUMP SIZE:

STROKE LENGTH:

PUMP SPEED, SPM:

LOGS: DIGL/SP/GR/CAL (5946'-304')

DSN/SDL/GR (5920'-3000')

Proposed P&A  
Wellbore Diagram

Inland Resources Inc.

Nine Mile #5-6

1923 FNL 695 FWL

SWNW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31953; Lease #U-74390



**FILED**

MAR 10 1998

SECRETARY, BOARD OF  
OIL, GAS & MINING

**BEFORE THE BOARD OF OIL, GAS AND MINING**

**DEPARTMENT OF NATURAL RESOURCES**

**STATE OF UTAH**

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IN THE MATTER OF THE REQUEST )  
FOR AGENCY ACTION OF INLAND )  
PRODUCTION COMPANY FOR )  
APPROVAL OF UNIT OPERATIONS )  
AND ENHANCED AND SECONDARY )  
RECOVERY IN THE GREEN RIVER )  
FORMATION IN TOWNSHIPS 8 AND 9 )  
SOUTH, RANGE 16 EAST, S.L.M., )  
DUCHESNE COUNTY, UTAH, FOR )  
AUTHORITY FOR UNDERGROUND )  
INJECTION OF WATER, AND )  
CERTIFICATION AS AN ENHANCED )  
RECOVERY PROJECT FOR )  
PURPOSES OF SECTION 59-5-102(4) )  
OF THE UTAH CODE ANNOTATED )

REQUEST FOR  
AGENCY ACTION

Docket No. 98-006  
Cause No. 231-2

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INLAND PRODUCTION COMPANY, by and through its undersigned attorneys, petitions the Board of Oil, Gas and Mining for an order: (1) establishing a unit for the Green River Formation to be known as the West Point (Green River) Unit; (2) approving enhanced and secondary recovery in the Green River Formation; (3) approving an agreement for enhanced and secondary recovery; (4) approving a plan of development and operations for enhanced and secondary recovery; (5) authorizing underground injection of water in the reservoir sands of the Green River Formation in Section 31, Township 8 South, Range 16 East, S.L.M., and Sections 5, 6, 7, 8, 17, and 18, Township 9 South, Range 16 East, S.L.M., Duchesne County, Utah; (6) granting authority to use the Monument Federal #41-6-9-16Y Well situated in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, the Nine Mile #3-6 Well situated in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, and the Nine Mile # 5-6-9-16 Well situated in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, as the initial injection wells in the proposed enhanced and secondary recovery unit; and (7)

certifying the proposed West Point (Green River) Unit as an Enhanced Recovery Project for purposes of the severance tax rate reduction provided by Section 59-5-102(4) of the Utah Code Annotated; and shows as follows:

1. Inland Production Company ("Inland") is a Texas corporation in good standing, having its principal place of business in Denver, Colorado. Inland is qualified to do business in Utah.
2. The Board of Oil, Gas and Mining (the "Board") has jurisdiction of the parties and subject matter of this Request for Agency Action, pursuant to Sections 40-6-5, 40-6-7, 40-6-8, and 59-5-102 of the Utah Code Annotated.
3. Petitioner seeks the establishment of unit operations and approval of an agreement and of a plan of development and operations for enhanced and secondary recovery through underground injection of water for lands and reservoirs committed to the proposed West Point (Green River) Unit.
4. The proposed West Point (Green River) Unit embraces the following described lands in the Monument Butte Field, Duchesne County, Utah:

Township 8 South, Range 16 East, S.L.M.

Section 31: Lots 1, 2, 3, 4; NE $\frac{1}{4}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ ,  
N $\frac{1}{2}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$

Township 9 South, Range 16 East, S.L.M.

Section 5: W $\frac{1}{2}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$   
Section 6: All  
Section 7: All  
Section 8: W $\frac{1}{2}$   
Section 17: NW $\frac{1}{4}$   
Section 18: Lots 1, 2; E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$

(containing 2,738.19 acres, more or less).

5. The formation to be unitized and approved for enhanced and secondary recovery is the Green River Formation, more particularly described as follows:

In the Monument Federal #32-6-9-16Y Well located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., the top of the Lower Green River Formation is at a depth of 4,212 feet. This formation continues to 6,218 feet, a gross interval of 2,006 feet.

6. The minerals in the lands embraced within the proposed West Point (Green River) Unit are subject to United States Oil and Gas Lease Nos. U-74389, U-74390, U-49950, and U-73087 and the oil and gas and other hydrocarbon minerals subject to these leases are owned by the United States of America.

7. Inland owns working interests in the acreage sought to be unitized.

8. The United States of America is the surface owner of the lands embraced within the proposed unit. The subject lands are administered by the United States Department of the Interior, Bureau of Land Management.

9. Drilling has proceeded under state-wide location and density patterns for the location and siting of wells established by Rule R649-3-2, Utah Administrative Code (1996), and predecessor rules.

10. The following wells have been completed in the acreage sought to be unitized:

a. Monument Federal #34-31-8-16 situated in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 31, Township 8 South, Range 16 East. First production occurred in January 1997.

b. Monument Federal #31-6-9-16Y situated in the NW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in January 1997.

c. Monument Federal #32-6-9-16Y (RE-ENTRY) situated in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in May 1997.

d. Monument Federal #33-6-9-16Y situated in the NW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in July 1996.

- e. Monument Federal #41-6-9-16Y situated in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in January 1997.
- f. Monument Federal #42-6-9-16Y situated in the SE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in August 1996.
- g. Monument Federal #43-6-9-16Y situated in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in August 1996.
- h. Monument Federal #44-6-9-16Y situated in the SE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in January 1997.
- i. Nine Mile #3-6 situated in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in December 1997.
- j. Nine Mile #4-6-9-16 situated in the NW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in January 1998.
- k. Nine Mile #5-6-9-16 situated in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in January 1998.
- l. Nine Mile #6-6 situated in the SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in December 1997.
- m. Nine Mile #11-6 situated in the NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in December 1997.
- n. Nine Mile #13-6-9-16 situated in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East. First production occurred in January 1998.
- o. Nine Mile #5-7 situated in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 7, Township 9 South, Range 16 East. First production occurred in December 1997.
- p. Nine Mile #6-7 situated in the SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 7, Township 9 South, Range 16 East. First production occurred in January 1998.

q. Nine Mile #7-7 situated in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 7, Township 9 South, Range 16 East. First production occurred in January 1998.

r. Nine Mile #10-7 situated in the NW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 7, Township 9 South, Range 16 East. First production occurred in January 1998.

s. Nine Mile #15-7 situated in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 7, Township 9 South, Range 16 East. First production occurred in January 1998.

t. Monument Federal #23-7-9-16Y situated in the NE $\frac{1}{4}$ SW $\frac{1}{4}$  of Section 7, Township 9 South, Range 16 East. First production occurred in November 1996.

u. Monument Federal #31-18-9-16Y situated in the NW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 18, Township 9 South, Range 16 East. First production occurred in March 1997.

v. Monument Federal #41-18-9-16Y situated in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 18, Township 9 South, Range 16 East. First production occurred in July 1996.

w. Monument Federal #42-18-9-16Y situated in the SE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 18, Township 9 South, Range 16 East. First production occurred in April 1997.

11. All of the wells described above have produced oil and gas from the Green River Formation.

#### **UNIT OPERATIONS FOR ENHANCED AND SECONDARY RECOVERY**

12. Petitioner's allegations 1 through 11 are incorporated herein by reference.

13. No voluntary agreement of the type contemplated by Section 40-6-7(1) of the Utah Code Annotated and no plan of development and operation of the pool as a unit contemplated by Section 40-6-7(2) of the Utah Code Annotated exists with respect to the proposed West Point (Green River) Unit. Unit, enhanced, and secondary recovery operations will be in the public interest, will promote conservation, and will increase ultimate recovery. Prevention of waste will occur only if owners within the pool agree to a method of prudent and economical operations which will avoid the drilling of unnecessary wells and avoid the inefficient, excessive, or improper

use or the unnecessary dissipation of oil and gas or reservoir energy. Unit operations will ensure that each owner in the pool is allowed to produce its just and equitable share of the oil and gas in the pool, thereby protecting the correlative rights of each owner or producer.

14. Unit, enhanced, and secondary recovery operations are necessary to fulfill the purposes of Chapter 6 of Title 40 of the Utah Code Annotated.

15. The value of the estimated additional recovery of oil or gas substantially exceeds the estimated additional costs incident to conducting enhanced and secondary recovery operations.

16. The proposed voluntary agreement contemplated by Sections 40-6-7 and 40-6-8 of the Utah Code Annotated will take the form of a unit agreement and unit operating agreement and will contain all provisions required by statute. The proposed plan for unit operations will also contain a method whereby the unit may be expanded to include additional lands found to contain oil and gas within the pool.

17. In excess of 70 percent of all owners of working interests, royalty interests, and overriding royalty interests are agreeable to the plan of unit development and to enhanced and secondary recovery operations and are willing to execute a unit agreement and unit operating agreement to achieve that end.

18. Upon information and belief, the United States of America is willing to approve unit, enhanced, and secondary recovery operations.

#### **UNDERGROUND INJECTION OF WATER**

19. Petitioner's allegations 1 through 18 are incorporated herein by reference.

20. Inland will be designated unit operator.

21. A plat showing the area involved and identifying all wells, including the proposed injection wells, in the proposed West Point (Green River) Unit and within a one-half mile radius of the unit area is attached hereto as Exhibit "A" and made a part hereof.

22. A copy of the log for the Monument Federal #32-6-9-16Y Well is attached hereto as Exhibit "B" and made a part hereof. The Monument Federal #32-6-9-16Y Well is a representative well completed within the subject pool.

23. The water to be used as the injection medium for the proposed West Point (Green River) Unit will be purchased from the Johnson Water District and transported by pipeline to the proposed West Point (Green River) Unit. The estimated amount to be injected daily is 200-300 barrels. Water from the identical source is now being used, or is authorized for use, for water flood operations at the Monument Butte (Green River "D"), Expanded Travis, Boundary, Gilsonite, Hawkeye, and Sand Wash (Green River) Units, and Monument Butte Northeast and East Projects, as authorized by the Board's Orders in Causes No. 213-1, No. 213-2(A), No. 225-1, No. 229-1, No. 213-5, No. 229-2, No. 213-3, and No. 213-4, respectively. Inland Production Company is the operator of all six units and the two water flood projects.

24. The initial water injection wells will be the Monument Federal #41-6-9-16Y Well located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., Nine Mile #3-6 Well located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., and Nine Mile #5-6-9-16 Well located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., as indicated on Exhibit "A." A copy of the Applications for Injection Well, UIC Form 1, for the Monument Federal #41-6-9-16Y Well, Nine Mile #3-6 Well, and Nine Mile #5-6-9-16 Well are attached hereto as Exhibit "E" and made a part hereof.

25. The names and addresses of all operators and owners as defined in Section 40-6-2, Utah Code Annotated, and of all surface owners within a one-half mile radius of the unit area are set forth in Exhibit "C" attached hereto and made a part hereof.

26. The Affidavit required by Rules R649-5-1(2.9) and R649-5-2(2.12), Utah Administrative Code (1997) is attached hereto as Exhibit "D" and made a part hereof.

27. Enhanced and secondary recovery operations in the proposed West Point (Green River) Unit area are necessary to foster, encourage, and promote development, production, and utilization of oil and gas to prevent waste; provide for the operation and development of oil and gas properties in such a manner that a greater ultimate recovery of oil and gas may be obtained; and provide protection of correlative rights of all owners.

#### **ENHANCED RECOVERY PROJECT CERTIFICATION**

28. Petitioner's allegations 1 through 27 are incorporated herein by reference.

29. Section 59-5-102(4) of the Utah Code Annotated provides that a 50% reduction in the severance tax rate is imposed upon the incremental production achieved from an enhanced recovery project. Section 59-5-101(4) provides, in pertinent part, that:

"Enhanced recovery project" means: (a) the injection of liquids . . . directly into a reservoir for the purpose of augmenting reservoir energy, modifying the properties of the fluids or gases in a reservoir, or changing the reservoir conditions to increase the recoverable oil, gas, or oil and gas through the joint use of two or more well bores; and (b) a project initially approved by the board as a new or expanded recovery project on or after January 1, 1996.

Section 59-5-101(6) provides that:

"Incremental production" means that part of production, certified by the Division of Oil, Gas and Mining, which is achieved from an enhanced recovery project that would not have economically occurred under the reservoir conditions existing before the project and that has been approved by the division as incremental production.

30. The unit, enhanced, and secondary operations for the proposed West Point (Green River) Unit will satisfy the statutory requirements to qualify the West Point (Green River) Unit for certification by the Board as an enhanced recovery project for purposes of Section 59-5-102(4) of the Utah Code Annotated.



WHEREFORE, Petitioner respectfully requests the Board to:

- A. Set this matter for hearing at the scheduled meeting of this Board to be held on April 22, 1998, to consider the need for enhanced and secondary recovery operations in the proposed West Point (Green River) Unit area and whether the proposed unit qualifies as an enhanced recovery project for purposes of Section 59-5-102(4) of the Utah Code Annotated.
- B. Give notice of this Request for Agency Action and the hearing as provided by the laws of the State of Utah and regulations issued pursuant thereto. The names and addresses of the parties interested in this matter are set forth in Exhibit "C" to this Request for Agency Action.
- C. Conduct a hearing at which Petitioner and all interested parties may be allowed to present evidence regarding the need for enhanced and secondary recovery operations for the proposed West Point (Green River) Unit area and whether the proposed unit qualifies as an enhanced recovery project for the purpose of Section 59-5-102(4) of the Utah Code Annotated.
- D. To make its findings that:
  - (1) Enhanced and secondary recovery operations within the proposed West Point (Green River) Unit area are necessary to foster, encourage, and promote development, production, and utilization of oil and gas and to prevent waste; provide for the operation and development of oil and gas properties in such a manner that a greater ultimate recovery of oil and gas may be obtained; and to provide for protection of correlative rights of all owners;
  - (2) The value of estimated additional recovery of oil and gas substantially exceeds the estimated additional cost incident to conducting such operations;
  - (3) The proposed unit area should be operated as a unit in the manner provided by the unit agreement and unit operating agreement to be submitted hereafter;

(4) The proposed enhanced and secondary recovery operations within the proposed West Point (Green River) Unit qualify as operations of an enhanced recovery project for purposes of Section 59-5-102(4) of the Utah Code Annotated; and

(5) Good cause appears to certify the West Point (Green River) Unit as an enhanced recovery project for the purposes of Section 59-5-102(4) of the Utah Code Annotated.

E. Enter its order establishing and approving enhanced and secondary recovery operations in the proposed West Point (Green River) Unit area.

F. Enter an order approving the plan of development and operations for enhanced and secondary recovery.

G. Enter an order granting authority for water injection into the Monument Federal #41-6-9-16Y Well situated in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., Nine Mile #3-6 Well situated in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., and Nine Mile #5-6-9-16 Well situated in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., as set forth in this Request for Agency Action and the proposed plan of development and operations.

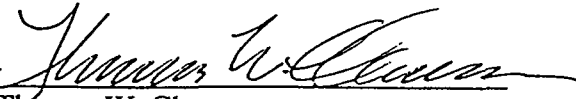
H. Enter an order certifying the proposed West Point (Green River) Unit as an enhanced recovery project for purposes of the severance tax rate reduction pursuant to Section 59-5-102(4) of the Utah Code Annotated.

I. Suspend existing spacing orders and/or state-wide field or siting rules to the extent said orders or rules are inconsistent with the proposed West Point (Green River) Unit.

J. Provide such other relief as may be just and proper under the circumstances.

Dated this 10<sup>th</sup> day of March, 1998.

VAN COTT, BAGLEY, CORNWALL & McCARTHY

By   
Thomas W. Clawson  
Attorneys for Petitioner  
50 South Main Street, Suite 1600  
P. O. Box 45340  
Salt Lake City, Utah 84145  
Telephone: (801) 532-3333

Petitioner's Address:

INLAND PRODUCTION COMPANY  
410 Seventeenth St., Suite 700  
Denver, Colorado 80202

Attention: Chris A. Potter

**EXHIBIT "A"**



**EXHIBIT "B"**

**LOG FROM MONUMENT FEDERAL #32-6-9-16Y WELL**

(To be supplied under separate cover)

(Copies of the logs of the well in the unit area may be examined at the offices of the Utah Division of Oil, Gas and Mining.)

## EXHIBIT "C"

NAMES AND ADDRESSES OF OWNERS, OPERATORS, AND SURFACE OWNERS WITHIN A ONE-HALF MILE RADIUS OF THE WEST POINT (GREEN RIVER) UNIT AREA, DUCHESNE COUNTY, UTAH.

AA Production, Inc.  
2807 74th St.  
Lubbock, TX 79463

Abo Petroleum Corp.  
105 S. Fourth St.  
Artesia, NM 88210

Elizabeth L. Allen  
1205 Walker Bank Bldg.  
Salt Lake City, UT 84111

Andover Partners  
1000 Fannin, Ste. 2000  
Houston, TX 77002

Ace A. & Rosemary Avedisian, Trustees  
P.O. Box 348  
Hanford, CA 93232

Charles Bankhead  
4345 Normandy  
Dallas, TX 75205

Grace Bankhead  
4345 Normandy  
Dallas, TX 75205

E. Robert Barbee  
1001 Stone Rd.  
Kilgore, TX 75662

Joe B. Belue, MD  
120 E. Charnwood  
Tyler, TX 75710

Bob Bereskin  
2184 S. Oneida  
Salt Lake City, UT 84109

H. C. Buie  
P.O. Box 1209  
Tyler, TX 75710

Bureau of Land Management  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

Celsius Energy Company  
1331 17th Street, #800  
Denver, CO 80202

Chevron USA, Inc.  
P.O. Box 5050  
San Ramon, CA 94583-0905

Cochrane Resources, Inc.  
P.O. Box 1656  
Roosevelt, UT 84066

Dal Cook  
2040 E. 4500 S.  
Vernal, UT 84078

Kenneth F. Cummings & Co.  
1860 Lincoln St., #288  
Denver, CO 80202

Empire Resources, Inc.  
1860 Lincoln St., #288  
Denver, CO 80203

Robert Festa  
5 Pam Lane  
Huntington, NY 11743

James Fischer  
111 East Elm  
Tyler, TX 75702

A.W. Flemming & Co.  
5353 S. Dayton St.  
Englewood, CO 80110

Four M Company  
P.O. Box 1209  
Kilgore, TX 75662

Gavilan Petroleum, Inc.  
P.O. Box 6107  
Salt Lake City, UT 84106

Golden Spike, Inc.  
4010 Port Royal Dr.  
Dallas, TX 75244

Jerome B. Guinaud  
1205 Walker Bank Bldg.  
Salt Lake City, UT 84111

Edwin E. Hardt  
RR3, Box 9  
Litchfield, IL 62056

Charles A. Hawn  
P.O. Box 1224  
Athens, TX 75751

Inland Production Company  
410 17th St., Ste. 700  
Denver, CO 80202

John H. Jensen  
518 Wasatch Oil Bldg.  
Salt Lake City, UT 84111

Key Production Company, Inc.  
707 17th St., Ste. 3300  
Denver, CO 80203-4520

Michael D. Lewis  
Michael D. Lewis Account  
526 Chilton  
Tyler, TX 75701

Thomas R. Lowe Living Trust  
1142 Moana Dr.  
San Diego, CA 92107

Massad Realty  
c/o Massad Memorial Clinic  
13545 Webb Chapel Road  
Dallas, TX 75234-5099

Patsy Ruth McKenzie  
14059 C.R. 35  
Tyler, TX 75706

Mike Merritt  
P.O. Box 4347  
Longview, TX 75606

Global Natural Resources Corp. of NV  
P.O. Box 4682  
Houston, TX 77210

Z. Greenberg, Trustee  
P.O. Box 4818  
Tyler, TX 75710

Roger Hammer  
9452 Rush St.  
South El Monte, CA 91733

C.F. Hawn  
P.O. Box 549  
Athens, TX 75751

Peggy June Hendricks  
1819 Panhandle  
Denton, TX 76201

Interline Resources Corp.  
160 W. Canyon Crest  
Alpine, UT 84004

Kearns-Tribune Investments, Inc.  
400 Tribune Bldg.  
Salt Lake City, UT 84111

Carl Lamberth  
14 Carriage Hill  
Signal Mountain, TN 37377

John D. Lomax  
791 Nyes Pl.  
Laguna Beach, CA 92651

Eleanor Dexter Martin Trust  
4704 Red Bluff Rd.  
Rockford, IL 61107

Patricia A. McDonald  
1408 Roseland Blvd.  
Tyler, TX 75701

Margaret Merritt  
P.O. Box 1209  
Kilgore, TX 75662

Susie E. Merritt  
P.O. Box 1209  
Kilgore, TX 75662



Thomas C. Merritt  
P.O. Box 1209  
Kilgore, TX 75662

Merritt Oil & Gas  
P.O. Box 1209  
Kilgore, TX 75662

Myco Industries, Inc.  
105 S. Fourth St.  
Artesia, NM 88210

Terry Rader  
9212 Hill Hollow Dr.  
Dallas, TX 75234

David Earl Rogers  
1604 Timothy  
Henderson, TX 75652

H. Don Smith, MD  
518 S. Douglas  
Tyler, TX 75702

State of Utah Trust Lands Administration  
675 E. 500 S, #500.  
Salt Lake City, UT 84102

Arnold M. Travis  
727 Holmby  
Los Angeles, CA 90024

Utah Resources International, Inc.  
1525 Beck Street  
Salt Lake City, UT 84116

H. B. Willis  
P.O. Box 1116  
Tyler, TX 75710

Erving G. Wolf  
1000 Fannin, Ste. 2000  
Houston, TX 77002

Wesley Woodcock  
P.O. Box 2141  
Kilgore, TX 75662

Yates Petroleum Corporation  
105 S. Fourth St.  
Artesia, NM 88210

Thomas C. Merritt Children's Trust  
P.O. Box 1209  
Kilgore, TX 75662

A. P. Merritt, Jr.  
P.O. Box 1209  
Kilgore, TX 75662

Producers Pipeline Corp.  
14531 Hwy 377 South  
Ft. Worth, TX 76126

Bea Rogalski  
703 Washington St.  
South Cle Elum, WA 98943

Carl S. Shamburger, Jr.  
P.O. Box 458  
Tyler, TX 75710

Howell Spear  
Box 1684  
Midland, TX 79701

R. L. Summers  
211 E. Fifth  
Tyler, TX 75701

Travis Oil Company  
Box 24186  
Los Angeles, CA 90024

Paul T. Walton & Assoc.  
1102 Walker Bank Bldg.  
Salt Lake City, UT 84111

Alan Winslow  
c/o Architecture Annex VPI & SU  
Blacksburg, VA 24061

Warren & Joan Woodcock  
Route 9, Box 356 AA  
Tyler, TX 75706

Yates Drilling Company  
105 S. Fourth St.  
Artesia, NM 88210

EXHIBIT "D"

BEFORE THE BOARD OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

IN THE MATTER OF THE REQUEST )  
FOR AGENCY ACTION OF INLAND )  
PRODUCTION COMPANY FOR )  
APPROVAL OF UNIT OPERATIONS )  
AND ENHANCED AND SECONDARY )  
RECOVERY IN THE GREEN RIVER )  
FORMATION IN TOWNSHIPS 8 AND 9 )  
SOUTH, RANGE 16 EAST, S.L.M., )  
DUCHESNE COUNTY, UTAH, FOR )  
AUTHORITY FOR UNDERGROUND )  
INJECTION OF WATER, AND )  
CERTIFICATION AS AN ENHANCED )  
RECOVERY PROJECT FOR )  
PURPOSES OF SECTION 59-5-102(4) )  
OF THE UTAH CODE ANNOTATED )

AFFIDAVIT OF  
THOMAS W. CLAWSON

Docket No. 98-006  
Cause No. 231-2

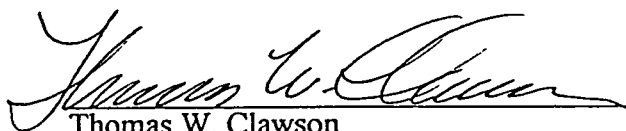
STATE OF UTAH )  
: ss.  
COUNTY OF SALT LAKE )

THOMAS W. CLAWSON, having been duly sworn, deposes and says that:

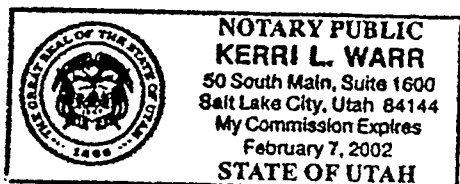
1. He is a resident of Salt Lake County and over the age of 21 years.
2. He is an attorney licensed to practice law before the Utah Supreme Court and all inferior courts of the State of Utah.
3. He is familiar with the statutes, rules, and regulations of the Board of Oil, Gas and Mining pertaining to injection of fluids into reservoirs for pressure maintenance and secondary recovery purposes.
4. He has caused the Request for Agency Action in this Cause and the Applications for Approval of Class II Injection Well for the Monument Federal #41-6-9-16Y Well located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., Nine Mile

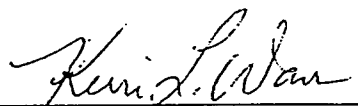
#3-6 Well located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., and Nine Mile #5-6-9-16 Well located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 6, Township 9 South, Range 16 East, S.L.M., to be provided to all operators or owners and surface owners within a one-half mile radius of the proposed West Point (Green River) Unit Area as required by Rules 641-104-135, 649-5-1(1), 649-5-1(2.9), and 649-5-2(2.12) of the Utah Administrative Code, by mailing copies thereof, properly addressed, with postage prepaid. The names and addresses of the owners so served are set forth in Exhibit "C" to the Request for Agency Action.

Dated this 10<sup>th</sup> day of March, 1998.

  
Thomas W. Clawson

SUBSCRIBED AND SWORN to before me this 10<sup>th</sup> day of March, 1998.



  
NOTARY PUBLIC

**EXHIBIT "E"**

## APPLICATION FOR INJECTION WELL - UIC FORM 1

**Comments:**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company  
ADDRESS 410 17th Street, Suite 700  
Denver, Colorado 80202

Well Name and number: Nine Mile #3-6  
Field or Unit name: Monument Butte (Green River) West Point Unit Lease No. UTU-74390  
Well Location: QQ NENW section 6 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? ..... Yes ☒ No ☐  
Disposal? ..... Yes ☐ No ☒  
Storage? ..... Yes ☐ No ☒

Is this application for a new well to be drilled? ..... Yes ☐ No ☒

If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes ☒ No ☐

Date of test: 11/18/97

API number: 43-013-31816

Proposed injection interval: from 4616' to 5780'  
Proposed maximum injection: rate 500 bpd pressure 2054 psig  
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Exhibits "A" through "G"

I certify that this report is true and complete to the best of my knowledge.

Name: John E. Dyer  
Title Chief Operating Officer  
Phone No. (303) 292-0900

Signature [Signature]  
Date 3/11/98

(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_

Approval Date \_\_\_\_\_

Comments:

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company  
ADDRESS 410 17th Street, Suite 700  
Denver, Colorado 80202

Well Name and number: Nine Mile #5-6-9-16  
Field or Unit name: Monument Butte (Green River) West Point Unit Lease No. UTU-74390  
Well Location: QQ SWNW section 6 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]

Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]  
Disposal? ..... Yes [ ] No [ X ]  
Storage? ..... Yes [ ] No [ X ]

Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]

If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes [ X ] No [ ]

Date of test: 1/3/98

API number: 43-013-31953

Proposed injection interval: from 4933' to 5759'  
Proposed maximum injection: rate 500 bpd pressure 2271 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should  
accompany this form.

List of Attachments: Exhibits "A" through "G"

I certify that this report is true and complete to the best of my knowledge.

Name: John E. Dyer

Title: Chief Operating Officer

Phone No. (303) 292-0900

Signature

Date

3/11/98

(State use only)

Application approved by \_\_\_\_\_ Title \_\_\_\_\_

Approval Date \_\_\_\_\_

Comments:

DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT  
STATEMENT OF BASIS**

**Applicant:** Inland Production Company

**Well:** Nine Mile 5-6

**Location:** 6/9S/16E

**API:** 43-013-31953

Note: A complete Statement of Basis was prepared for the West Point Unit Project. All of the issues below were addressed in detail. This statement addresses only well specific issues.

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the proposed West Point Unit. A request for Board approval of the unit, secondary recovery operations and for this well has been submitted. Lands in the one-half mile radius of the well are administered by the BLM and the School and Institutional Trust Lands Administration (SITLA). The Federal Government and the State of Utah are the mineral owners. Inland and various other individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland will be the operator of the West Point Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 292 feet and is cemented to surface. A 5 1/2 inch production casing is set at 5937 feet and has a cement top at the surface. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 4883 feet. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1000 feet. Injection shall be limited to the interval between 4933 feet and 5759 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 5-6 well is .83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2271 psig. The requested maximum pressure is 2271 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.



**Nine Mile 5-6**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The proposed West Point Unit (cause 231-2) matter will be heard before the Board of Oil, Gas and Mining on April 22,1998. Correlative rights issues will be addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune the Vernal Express and the Uinta Basin Standard. BLM approval of the Unit is necessary. A casing/tubing pressure test will be required prior to injection. After hearing and testimony if there are no outstanding issues it is recommended that approval be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): D.Jarvis Date: 4/13/98

## WEST POINT UNIT WELL LISTING

AS OF 7/13/98

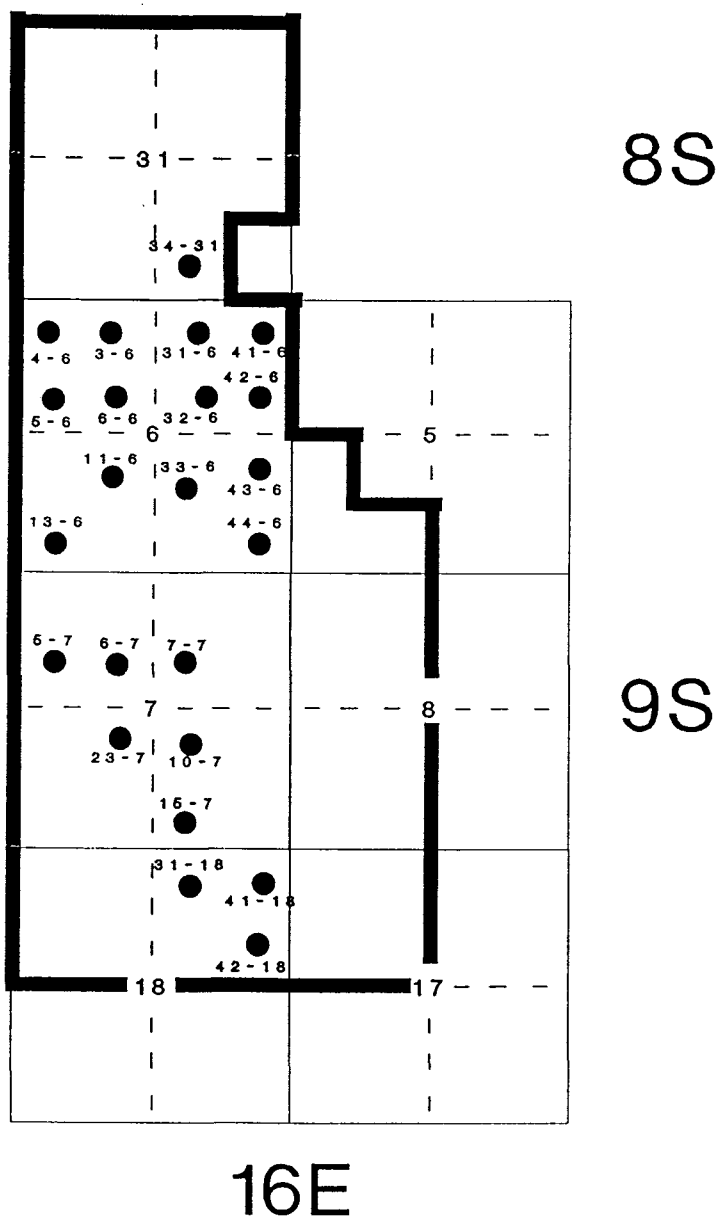
T. 8 &amp; 9S, R. 16E

SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
6	WEST POINT UNIT	MON FED #31-6Y	PROD	4301331717	12060
6	WEST POINT UNIT	FED 32- <del>36</del> -09-16Y	PROD	4301331390	11211
6	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331645	11947
6	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
6	WEST POINT UNIT	MON FED #33-6Y	PROD	4301331558	11933
6	WEST POINT UNIT	FED 44- <del>36</del> -09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7Y	PROD	4301331694	12019
18	WEST POINT UNIT	MON FED #41-18Y	PROD	4301331640	11941
18	WEST POINT UNIT	FED 31-18-9-16Y	PROD	4301331725	12104
18	WEST POINT UNIT	FED 42-18-09-16Y	PROD	4301331724	12124
31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
6	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043
6	WEST POINT UNIT	NINE MILE 3-6	PROD	4301331810	12264
6	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
6	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301332010	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301331776	12290
7	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
7	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301332014	12328
6	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
*6	WEST POINT UNIT	NINE MILE 5-6	PROD	4301331953	12288
6	WEST POINT UNIT	NINE MILE 13-6	PROD	4301331954	12284
6	WEST POINT UNIT	NINE MILE 6-6	PROD	4301331719	12289
7	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
7	WEST POINT UNIT	NINE MILE 7-7	PROD	4301331778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301331803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332011	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301332012	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	4301332013	12325
	WEST POINT UNIT	NINE MILE 14-6	P & A	4301331999	

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98.

# WEST POINT (GREEN RIVER) UNIT Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



— UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY  
ALLOCATION

FEDERAL 100%

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-74390**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WEST POINT (GR RVR)**

8. Well Name and No.

**NINE MILE 5-6-9-16**

9. API Well No.

**43-013-31953**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1923 FNL 695 FWL SW/NW Section 6, T09S R16E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

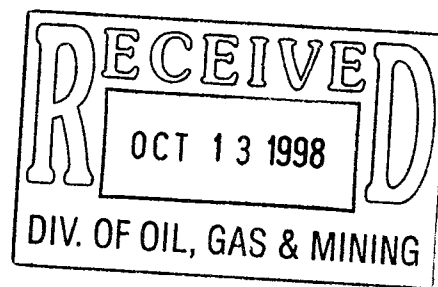
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight Title

Manager, Regulatory Compliance

Date

10/7/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

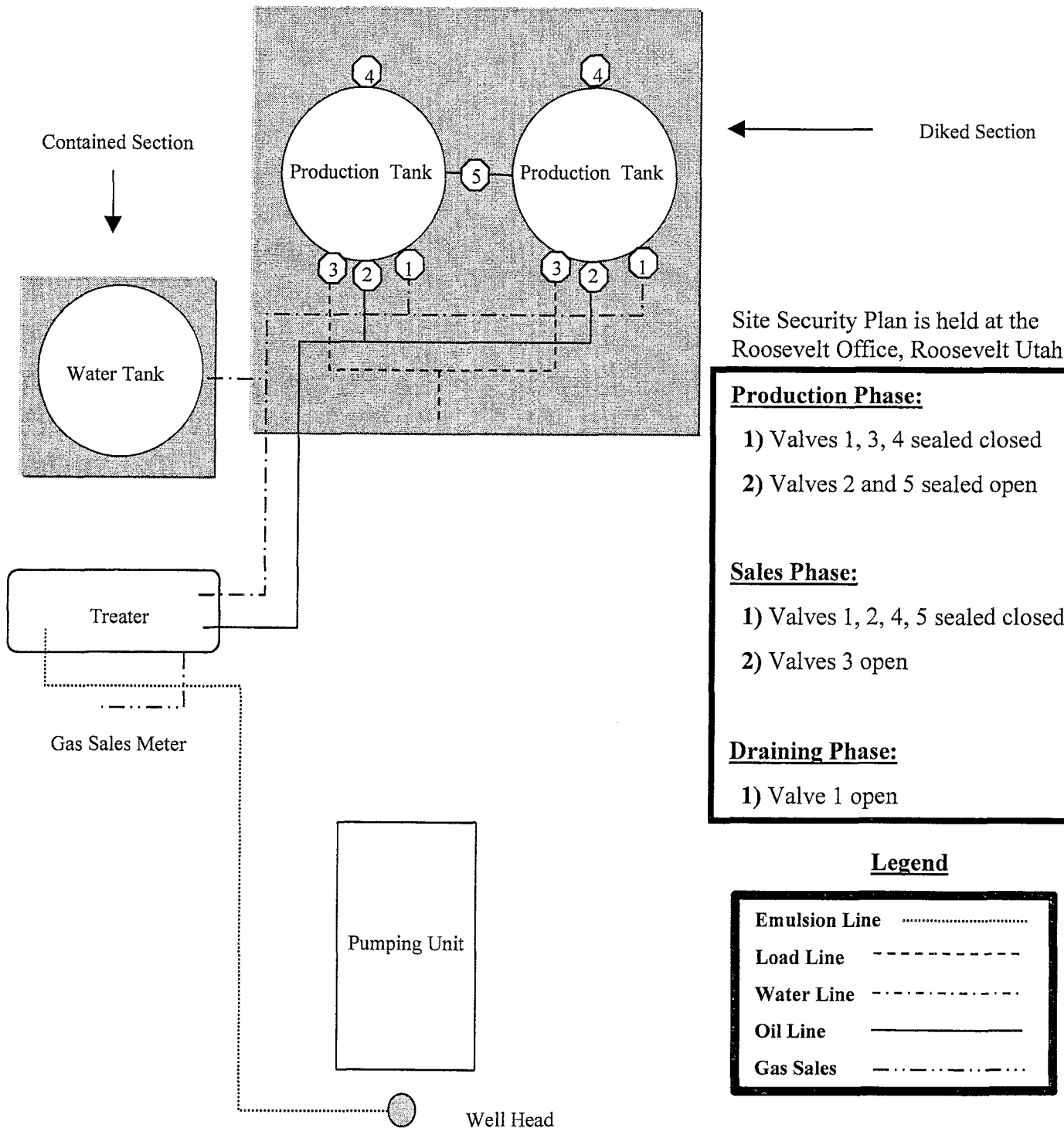
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Inland Production Company Site Facility Diagram

Nine Mile Federal 5-6  
SW/NW Sec. 6, T9S, 16E

Duchesne County

May 12, 1998



## Production Phase:

- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

## Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

## Draining Phase:

- 1) Valve 1 open

## Legend

Emulsion Line	.....
Load Line	-----
Water Line	-.-.-.-.-
Oil Line	—————
Gas Sales	.....

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> <b>UTU-74390</b>	
<b>2. NAME OF OPERATOR</b> <b>INLAND PRODUCTION COMPANY</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b>  <b>N/A</b>	
<b>3. ADDRESS OF OPERATOR</b> <b>Rt. 3 Box 3630, Myton Utah 84052</b> <b>435-646-3721</b>		<b>7. UNIT AGREEMENT NAME</b>  <b>WEST POINT</b>	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*</b> See also space 17 below.) At surface <b>SW/NW Section 6, T09S R16E</b> <b>1923 FNL 695 FWL</b>		<b>8. FARM OR LEASE NAME</b> <b>NINE MILE 5-6-9-16</b>	
<b>14 API NUMBER</b> <b>43-013-31953</b>		<b>9. WELL NO.</b> <b>NINE MILE 5-6-9-16</b>	
<b>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</b> <b>5882 GR</b>		<b>10. FIELD AND POOL, OR WILDCAT</b>  <b>MONUMENT BUTTE</b>	
<b>12. COUNTY OR PARISH</b> <b>DUCHESNE</b>		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> <b>SW/NW Section 6, T09S R16E</b>	
<b>13. STATE</b> <b>UT</b>			

<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>			
<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/>	<b>Injection Conversion</b>
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

**17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well was converted from a producing to an injection well on 7/10/01. The rods and tubing anchor were removed and a packer was inserted on the bottom hole assembly at 4851'. On 7/11/01 Mr. Dennis Ingram w/ State DOGM was contacted of the intent to conduct a MIT on the casing. On 7/12/01 the casing was pressured to 1335 w/ 5 psi gain in pressure charted in the 1/2 hour test. No governmental agencies were able to witness the test. The well is shut in and waiting on permission to inject.

**18 I hereby certify that the foregoing is true and correct**

SIGNED Krishna Russell TITLE Production Clerk DATE 7/12/01  
Krishna Russell

cc: BLM

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 7/12/01 Time 10:00 am pm

Test Conducted by: BRET HENRIE

Others Present: \_\_\_\_\_

Well: NINE MILE 5-6

Field: WEST POINT

Well Location: SW/NW Sec. 6-T9S-R16E

API No: 43-013-31953

## Time

## Casing Pressure

0 min	<u>1335</u>	psig
5	<u>1335</u>	psig
10	<u>1335</u>	psig
15	<u>1340</u>	psig
20	<u>1340</u>	psig
25	<u>1340</u>	psig
30 min	<u>1340</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 190 psig

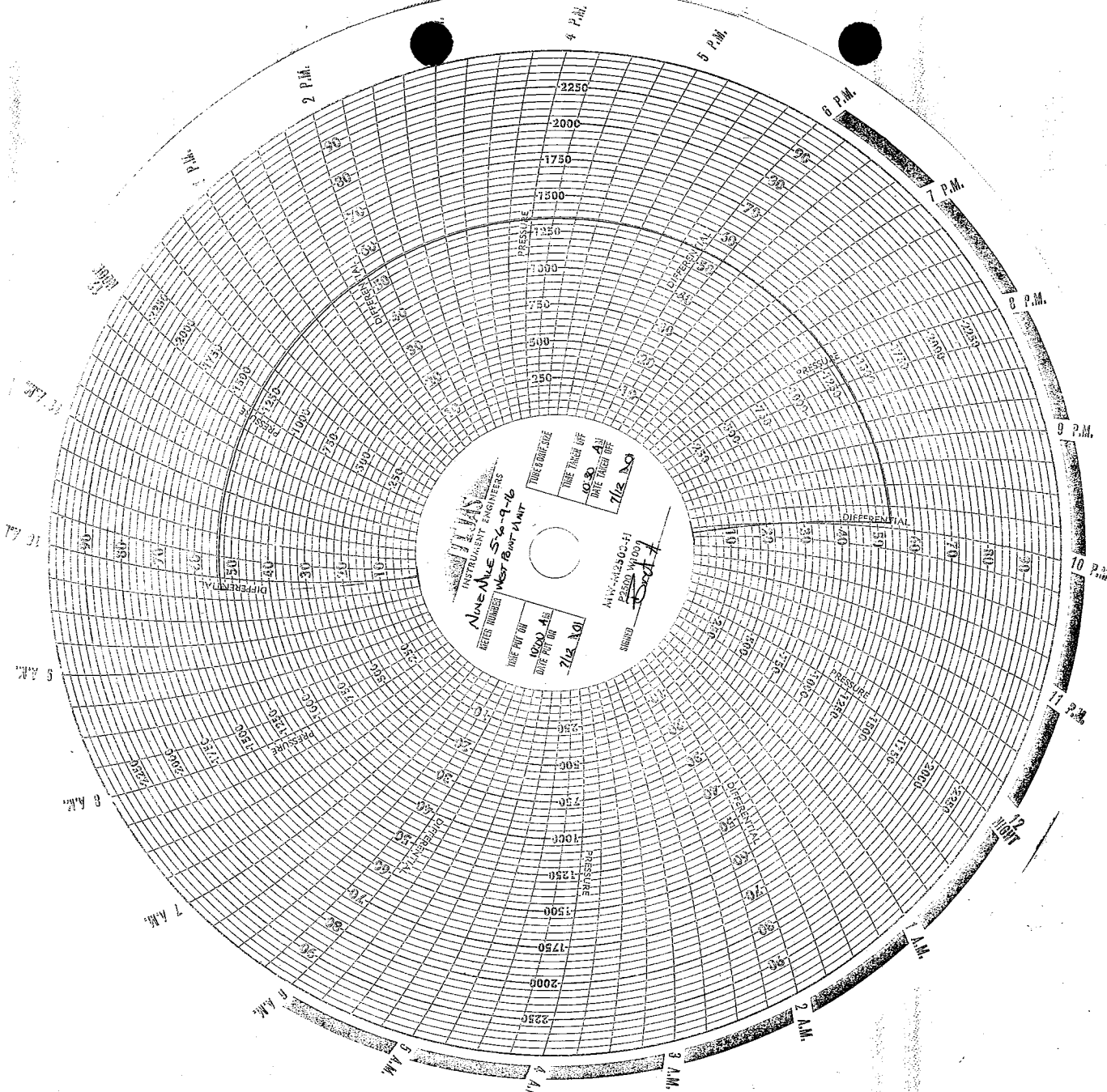
Result:

Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Bret Henrie



INSTRUMENT ENGINEERS  
New Ave 514-9-16  
Wor 1800 Wnt  
TIME TRACK OFF  
DATE TRACK OFF  
7/12/49  
TIME TRACK OFF  
DATE TRACK OFF  
7/12/49  
TIME TRACK OFF  
DATE TRACK OFF  
7/12/49  
TIME TRACK OFF  
DATE TRACK OFF  
7/12/49





# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

## UNDERGROUND INJECTION CONTROL PERMIT

**Cause No. 231-2**

**Operator:** Inland Production Company

**Well:** Nine Mile 5-6-9-16

**Location:** Section 6, Township 9 South, Range 16 East, Duchesne County

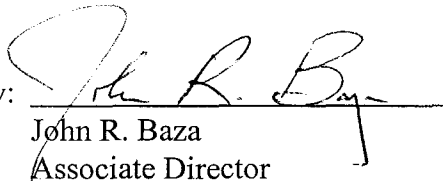
**API No.:** 43-013-31953

**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on May 14, 1998.
2. Maximum Allowable Injection Pressure: 2271 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4933 feet - 5759 feet)

Approved by:

  
John R. Baza  
Associate Director

7/31/2001

Date

cc: Dan Jackson Environmental Protection Agency  
Bureau of Land Management, Vernal  
Inland Production Company, Myton  
SITLA, Salt Lake City

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-74390**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WEST POINT**

8. Well Name and No.

**NINE MILE 5-6-9-16**

9. API Well No.

**43-013-31953**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UT**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐

Oil  
Well

☐

Gas  
Well

☒

Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage. Sec., T., R., m., or Survey Description)

**1923 FNL 695 FWL**

**SW/NW Section 6, T09S R16E**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

**TYPE OF ACTION**

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

**Report of first injection**

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above referenced well was put on injection at 9:45 a.m. on 8/1/01.

14. I hereby certify that the foregoing is true and correct

Signed

*Michael Crozier*

Title

Permit Clerk

Date

8/1/01

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

## TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:		State : UTAH

EFFECTIVE DATE OF TRANSFER: 9/1/2004

## CURRENT OPERATOR

Company: Inland Production Company  
Address: 1401 17th Street Suite 1000  
city Denver state Co zip 80202  
Phone: (303) 893-0102  
Comments:

Name: Brian Harris  
Signature: *Brian Harris*  
Title: Engineering Tech.  
Date: 9/15/2004

## NEW OPERATOR

Company: Newfield Production Company  
Address: 1401 17th Street Suite 1000  
city Denver state Co zip 80202  
Phone: \_\_\_\_\_  
Comments:

Name: Brian Harris  
Signature: *Brian Harris*  
Title: Engineering Tech.  
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*Title: *Field Services Manager*Approval Date: *9-20-04*

Comments:

*Note: Indian Country wells will require EPA approval.*RECEIVED  
SEP 20 2004

DIV. OF OIL, GAS &amp; MINING

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

**FROM: (Old Operator):**  
 N5160-Inland Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**TO: ( New Operator):**  
 N2695-Newfield Production Company  
 Route 3 Box 3630  
 Myton, UT 84052  
 Phone: 1-(435) 646-3721

**CA No.****Unit:****WEST POINT (GREEN RIVER)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NINE MILE 14-31	31	080S	160E	4301332015	12418	Federal	WI	A
WEST POINT 9-31-8-16	31	080S	160E	4301332119	12418	Federal	WI	A
WEST POINT U 12-5-9-16	05	090S	160E	4301331933	12418	Federal	OW	P
NINE MILE 3-6	06	090S	160E	4301331816	12418	Federal	WI	A
NINE MILE 4-6	06	090S	160E	4301331952	12418	Federal	OW	P
NINE MILE 5-6-9-16	06	090S	160E	4301331953	12418	Federal	WI	A
NINE MILE 13-6-9-16	06	090S	160E	4301331954	12418	Federal	WI	A
NINE MILE 15-6-9-16	06	090S	160E	4301332010	12418	Federal	WI	A
NINE MILE 2-7-9-16	07	090S	160E	4301332011	12418	Federal	OW	P
NINE MILE 3-7-9-16	07	090S	160E	4301332012	12418	Federal	WI	A
NINE MILE 4-7-9-16	07	090S	160E	4301332013	12418	Federal	OW	P
NINE MILE 12-7-9-16	07	090S	160E	4301332014	12418	Federal	OW	P
WEST POINT 1-7-9-16	07	090S	160E	4301332210	12418	Federal	OW	P
WEST POINT 8-7-9-16	07	090S	160E	4301332211	12418	Federal	OW	P
WEST POINT 9-7-9-16	07	090S	160E	4301332212	12418	Federal	WI	A
WEST POINT 3-8-9-16	08	090S	160E	4301332207	12418	Federal	D	PA
WEST POINT 4-8-9-16	08	090S	160E	4301332208	12418	Federal	OW	P
WEST POINT 5-8-9-16	08	090S	160E	4301332209	12418	Federal	OW	P
WEST POINT 6-8-9-16	08	090S	160E	4301332282	12418	Federal	OW	P
WEST POINT 3-17-9-16	17	090S	160E	4301332278	12418	Federal	OW	P
WEST POINT 4-17-9-16	17	090S	160E	4301332280	12418	Federal	OW	P
WEST POINT 5-17-9-16	17	090S	160E	4301332281	12418	Federal	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted contacted on:



6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU74390

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐ Injection well

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
WEST POINT UNIT

8. WELL NAME and NUMBER:  
NINE MILE 5-6-9-16

9. API NUMBER:  
4301331953

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1923 FNL 695 FWL

10. FIELD AND POOL, OR WILDCAT:  
Monument Butte

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NW, 6, T9S, R16E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

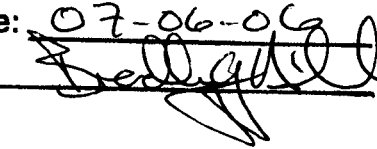
TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/22/2006	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - 5 Year MIT	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 6/20/06 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 6/22/06. On 6/22/06 the csg was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1800 psig during the test. There was a State representative available to witness the test.(Richard Powell) API# 43-013-31953

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 07-06-06  
By: 

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE



DATE 06/27/2006

(This space for State use only)

RECEIVED  
JUN 29 2006

DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: Richard Powell Date 6/22/06 Time 12:00 am ☒ pm  
Test Conducted by: Matthew Bertoch  
Others Present: \_\_\_\_\_

Well: Nine Mile S-6-9-16

Field: West Point Unit UTU77607X

Well Location: SW/NW Sec, T9S, R16E

API No: 43-013-31953

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1190</u>	psig
5	<u>1190</u>	psig
10	<u>1190</u>	psig
15	<u>1190</u>	psig
20	<u>1190</u>	psig
25	<u>1190</u>	psig
30 min	<u>1190</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1800 psig

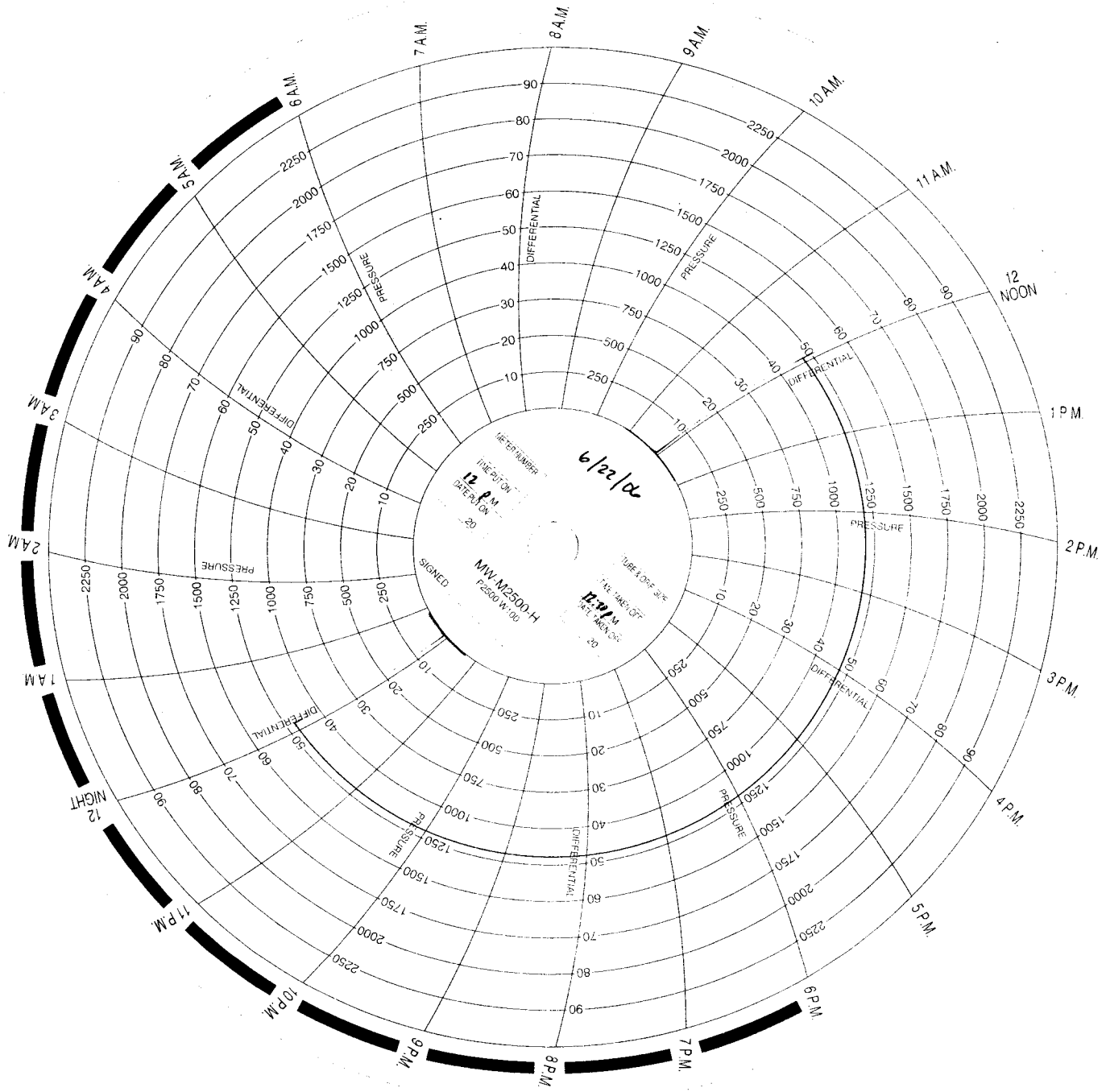
Result:

Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_



STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

## INJECTION WELL - PRESSURE TEST

Well Name: <u>Nine Mile Federal 2-9-16</u>	API Number: <u>44-000-01750</u>
Qtr/Qtr: <u>SW 1/4</u>	Section: <u>6</u> Township: <u>16</u> Range: <u>16</u>
Company Name: <u>Nine Mile Production</u>	
Lease: State <u>                    </u> Fee <u>                    </u>	Federal <u>                    </u> Indian <u>                    </u>
Inspector: <u>Richard Powell</u>	Date: <u>6/22/06</u>

## Initial Conditions:

Tubing - Rate: 164 BPD Pressure: 1800 psi

Casing/Tubing Annulus - Pressure: 1190 psi

## Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1190</u>	<u>1800</u>
5	<u>1190</u>	
10	<u>1190</u>	
15	<u>1190</u>	
20	<u>1190</u>	
25	<u>1190</u>	
30	<u>1190</u>	

Results: Pass/Fail

## Conditions After Test:

Tubing Pressure: 1800 psi

Casing/Tubing Annulus Pressure: 1190 psi

COMMENTS: 5 year test


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Richard Powell

Operator Representative

RECEIVED

JUN 30 2006

DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74390
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> NINE MILE 5-6-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1923 FNL 0695 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013319530000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; padding: 2px;">5 YR MIT</span>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/28/2011			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

On 06/23/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 06/28/2011 the casing was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1543 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**

**Date:** 07/12/2011

**By:**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/5/2011	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: Dennis Ingram Date 6/28/11 Time 12:45 am pm  
Test Conducted by: Jared Robison  
Others Present: \_\_\_\_\_

Well: Nine Mile 5-6-9-16

Field: Monument Butte

Well Location: SW1/4 Sec. 6 T9S R16E

API No: 43-013-31953

Adams County

## Time

## Casing Pressure

0 min	<u>1250</u>	psig
5	<u>1250</u>	psig
10	<u>1250</u>	psig
15	<u>1250</u>	psig
20	<u>1250</u>	psig
25	<u>1250</u>	psig
30 min	<u>1250</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1543 psig

Result:

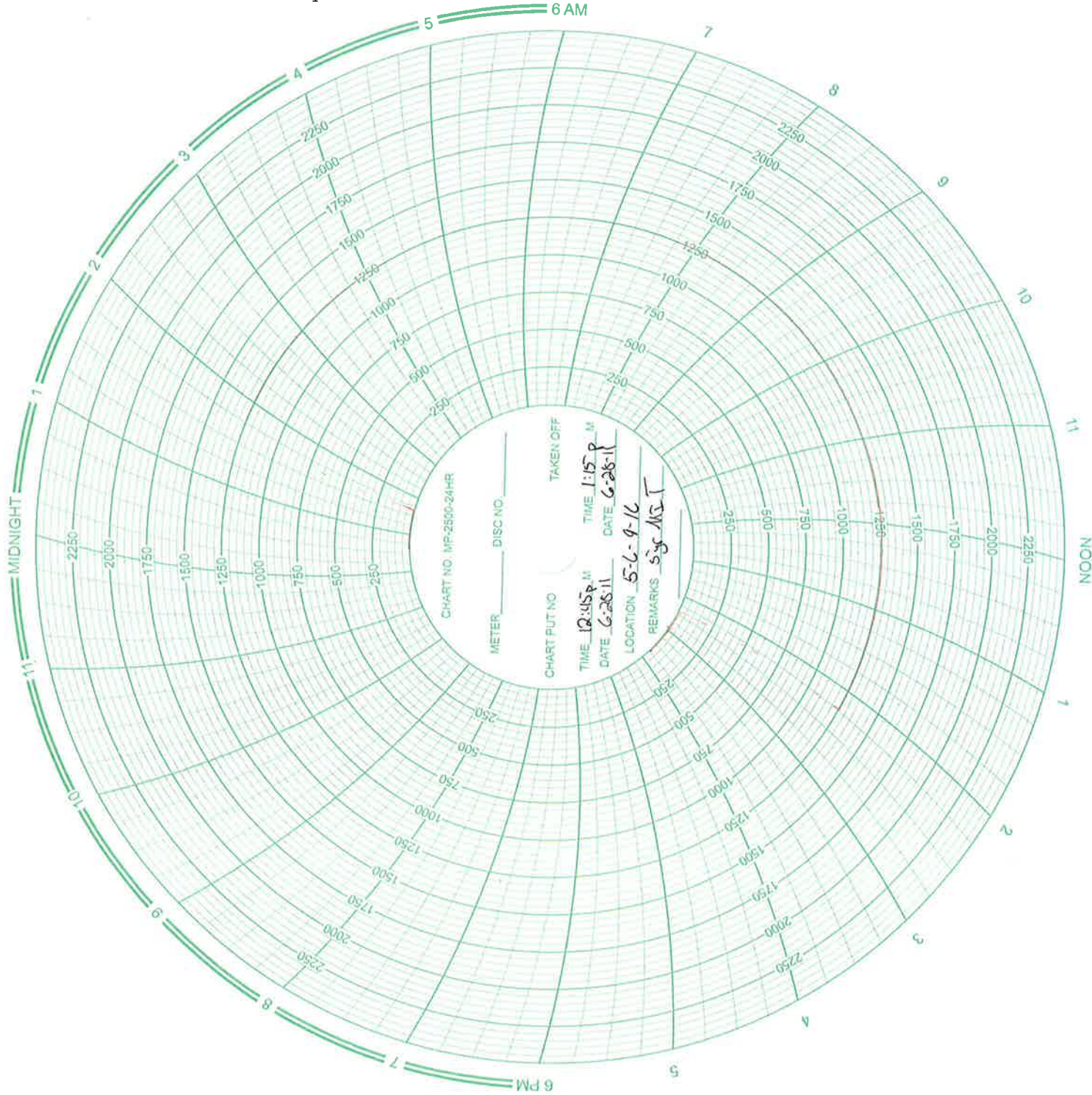
Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_







Spud Date: 12.14.97  
Put on Production: 1.17.98  
GL: 5882' KB: 5894'

## Nine Mile #5-6-9-16

Initial Production: 263 BOPD,  
196 MCFPD, 9 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 291'  
DEPTH LANDED: 292'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 140 sks Premium cement, est 8 bbls to surf

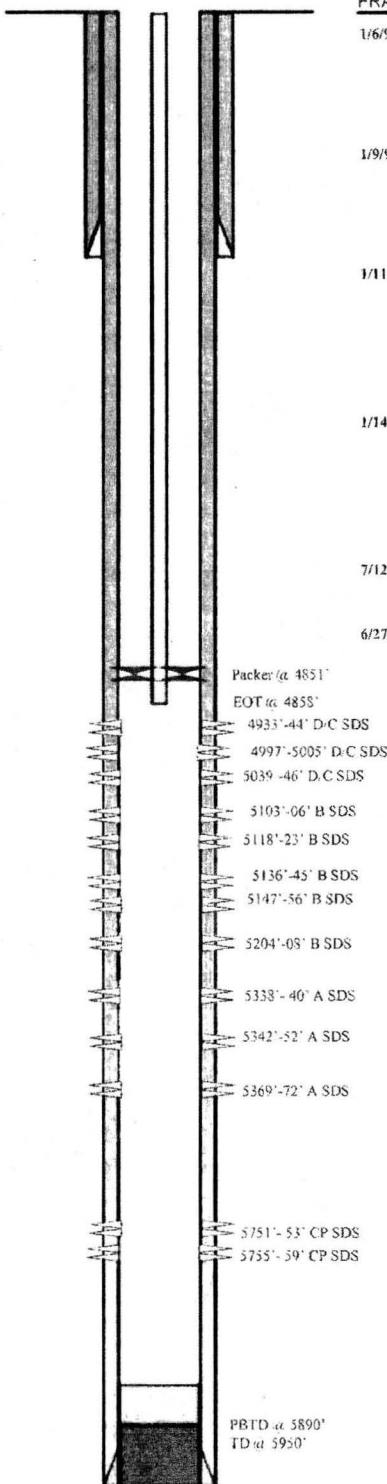
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (5925')  
DEPTH LANDED: 5937'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 390 sks Hibond mixed & 375 sks thixotropic  
CEMENT TOP AT:

### TUBING

SIZE GRADE WT: 2-7/8" M-50 / 6.5#  
NO. OF JOINTS: 155 jts (4838')  
SN LANDED AT: 4850'  
PACKER: 4851'  
TOTAL STRING LENGTH: EOT 4858'

### Injection Wellbore Diagram



### FRAC JOB

1/6/98 5751'-5759' **Frac CP sand as follows:**  
95,300# of 20-40 sd in 509 bbls  
Delta Frac. Treated @ avg rate 28.3 bpm,  
avg press 2000 psi. Breakdown @ 3129  
psi. ISIP-2268 psi, 5-min 1584 psi.  
Flowback for 4 hrs & died.

1/9/98 5338'-5372' **Frac A sand as follows:** 105,400#  
of 20-40 sd in 538 bbls Delta Frac  
Breakdown @ 2051 psi. Treated @ avg  
rate of 35.2 BPM, avg press 2051 psi.  
ISIP-2822 psi, 5-min 2577 psi. Flowback  
on 12/64" ck for 2-1/2 hrs & died.

1/11/98 5103'-5208' **Frac B sand as follows:**  
124,300# 20-40 sand in 580 bbls Delta  
Frac. Breakdown @ 1712 psi. Treated  
w/avg press of 1600 psi w avg rate of  
32.5 BPM. ISIP - 3165 psi, 5 min 2712  
psi. Flowback on 12/64" ck for 3 hrs  
& died.

1/14/98 4933'-5046' **Frac D/C sand as follows:**  
131,300# 20-40 sand in 597 bbls of Delta  
Frac. Breakdown @ 1358 psi. Treated  
@ avg press of 1900 psi w avg rate of  
35.3 BPM. ISIP-2593 psi, 5 min 2551  
psi. Flowback on 12/64" ck for 3 hrs &  
died.

7/12/01 Performed MIT on well. Mr. Ingram w/  
DOGM was not able to witness the test,  
will be sent chart.

6/27/06 5 Year MIT completed and submitted.

### PERFORATION RECORD

Date	Interval	Tool	Holes
1-4-98	5751'-5753'	4 JSPF	8 holes
1-4-98	5755'-5759'	4 JSPF	16 holes
1-8-98	5338'-5340'	4 JSPF	8 holes
1-8-98	5342'-5352'	4 JSPF	40 holes
1-8-98	5369'-5372'	4 JSPF	12 holes
1-10-98	5103'-5106'	4 JSPF	12 holes
1-10-98	5118'-5123'	4 JSPF	20 holes
1-10-98	5136'-5145'	4 JSPF	36 holes
1-10-98	5147'-5156'	4 JSPF	36 holes
1-10-98	5204'-5208'	4 JSPF	16 holes
1-13-98	4933'-4944'	4 JSPF	44 holes
1-13-98	4997'-5005'	4 JSPF	32 holes
1-13-98	5039'-5046'	4 JSPF	28 holes

**NEWFIELD**

Nine Mile #5-6-9-16

1923 FNL & 695 FWL

SWNW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31953; Lease #U-74390

CD 6/27/06

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74390
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> NINE MILE 5-6-9-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1923 FNL 0695 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNW Section: 06 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013319530000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/19/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>On 05/17/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 05/19/2016 the casing was pressured up to 1225 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1943 psig during the test. There was a State representative available to witness the test - Amy Doebele.</p>		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> May 24, 2016		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/23/2016	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 5/19/16 Time 12:45 am pm  
Test Conducted by: Troy Lazenby  
Others Present: \_\_\_\_\_

Well: Nine Mile 5-6-9-16

Field: Monument Butte

Well Location: SW/4W Sec 6, T9S, R16E  
Puchese County, Utah

API No: 43-013-31953

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1225</u>	psig
5	<u>1225</u>	psig
10	<u>1225</u>	psig
15	_____	psig
20	_____	psig
25	_____	psig
30 min	_____	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1943 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_

Sundry Number: 71920 API Well Number: 43013319530000

